

Part # / Keyword



- Stocked
- RoHS Compliant

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[All Products](#) > [Connectors](#) > [Headers & Wire Housings](#) > [TE Connectivity / AMP 102972-2](#)

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Mouser Part #: 571-1029722

Manufacturer Part #: 102972-2

Manufacturer: [TE Connectivity / AMP](#)

Description: Headers & Wire Housings 2P HEADER GOLD 15u single row

[Learn more about TE Connectivity / AMP 102972-2](#)

[Data Sheet](#)

Images are for reference only
See Product Specifications

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Specifications	Features	Documents (2)	My Notes
Manufacturer:	TE Connectivity	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Product Category:	Headers & Wire Housings	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
RoHS:	No	<input type="checkbox"/>	<input type="checkbox"/>
Product Type:	Headers	<input type="checkbox"/>	<input type="checkbox"/>
Type:	Breakaway	<input type="checkbox"/>	<input type="checkbox"/>
Series:	AMPMODU MOD II	<input type="checkbox"/>	<input type="checkbox"/>
Pitch:	2.54 mm	<input type="checkbox"/>	<input type="checkbox"/>
Number of Positions:	2	<input type="checkbox"/>	<input type="checkbox"/>
Number of Rows:	1	<input type="checkbox"/>	<input type="checkbox"/>
Contact Gender:	Pin (Male)	<input type="checkbox"/>	<input type="checkbox"/>
Contact Plating:	Gold	<input type="checkbox"/>	<input type="checkbox"/>
Housing Material:	Thermoplastic	<input type="checkbox"/>	<input type="checkbox"/>
Termination Style:	Through Hole	<input type="checkbox"/>	<input type="checkbox"/>
Mounting Style:	-	<input type="checkbox"/>	<input type="checkbox"/>
Mounting Angle:	Vertical	<input type="checkbox"/>	<input type="checkbox"/>
Brand:	TE Connectivity / AMP	<input type="checkbox"/>	<input type="checkbox"/>
Contact Material:	Phosphor Bronze	<input type="checkbox"/>	<input type="checkbox"/>
Current Rating:	3 A	<input type="checkbox"/>	<input type="checkbox"/>
Flammability Rating:	UL 94 V-0	<input type="checkbox"/>	<input type="checkbox"/>
Insulation Resistance:	5000 MOhms	<input type="checkbox"/>	<input type="checkbox"/>
Mating Post Length:	8.08 mm	<input type="checkbox"/>	<input type="checkbox"/>
Operating Temperature Range:	- 65 C to + 105 C	<input type="checkbox"/>	<input type="checkbox"/>
Product Category:	AMPMODU Breakaway Headers	<input type="checkbox"/>	<input type="checkbox"/>
Row Spacing:	2.54 mm	<input type="checkbox"/>	<input type="checkbox"/>
Factory Pack Quantity:	50	<input type="checkbox"/>	<input type="checkbox"/>
Termination Post Length:	3.18 mm	<input type="checkbox"/>	<input type="checkbox"/>
Tradename:	AMPMODU	<input type="checkbox"/>	<input type="checkbox"/>

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Real Time Availability

Stock: 9,404 Can Ship Immediately

On Order: 0

Factory Lead-Time: 10 Weeks

Quantities greater than 9404 may be subject to minimum order requirements.

Enter Quantity:

Buy

Minimum: 1

Multiples: 1

Pricing (USD)

1:	\$0.13
100:	\$0.12
500:	\$0.113
1,000:	\$0.106
2,000:	\$0.104
5,000:	\$0.102
10,000:	\$0.099
25,000:	\$0.097
50,000:	\$0.095

- TE Connectivity News**
- Micro MATE-N-LOK Stra Covers**

Providing cable assembly retention capability that meets IEC 60598-1 cable retention specifications.

[Learn More](#)
- Power Triple Lock Conn System**

Features 3 locking methods including CPA, TPA, and audible lock. High temp housings up to 150°C (302°F).

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- 2.5mm Grace Inertia Co**

Next Generation Grace Inertia Connector to facilitate more stable, reliable and durable connection.

[Learn More](#)
- SL-156 Connector with T**

New generation of SL-156 connectors with Terminal Position Assurance (TPA) device.

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- Nanonics Duallobe Conn**

Ultra-small connectors for extreme environments; developed per MIL-DTL-83513 guidelines with a few size-related modifications.

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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Connectors, Interconnects](#) > [Rectangular Connectors - Headers, Male Pins](#) > **0878321420**

		All prices are in US dollars.		
Digi-Key Part Number	WM18641-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 7,617 Can ship immediately	1	1.74000	1.74
Manufacturer	Molex Inc	10	1.58100	15.81
Manufacturer Part Number	0878321420	25	1.48400	37.10
Description	CONN HEADER 14POS 2MM VERT SMD	50	1.41940	70.97
		100	1.35490	135.49
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	250	1.22588	306.47
		500	1.12910	564.55
		1,000	0.96780	967.80
		2,500	0.90328	2,258.20

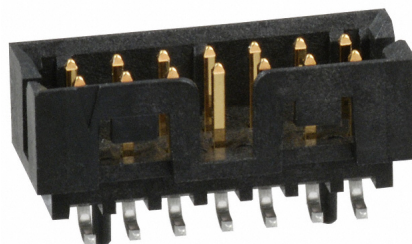


Image shown is a representation only.
Exact specifications should be obtained from the product data sheet.

Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	87832-xx20, xx22 Drawing
Product Photos	87832-1420
RoHS Information	878321420 Cert of Compliance
Catalog Drawings	87832 Series Top 87832 Series Front 87832 Series Side
3D Model	87832-1420.stp
Standard Package	3,200
Category	Connectors, Interconnects
Family	Rectangular Connectors - Headers, Male Pins
Series	Milli-Grid™ 87832
Packaging	Tube
Contact Type	Male Pin
Connector Type	Header, Shrouded
Number of Positions	14
Number of Positions Loaded	All
Pitch	0.079" (2.00mm)
Number of Rows	2
Row Spacing	0.079" (2.00mm)

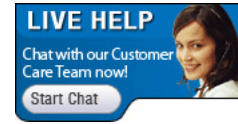

Part Details
Manufacturer Part #: 10-89-7162

Molex
 Conn Unshrouded Header HDR 16 POS 2.54mm Solder ST Thru-Hole Bag

Avnet Part #: 0010897162
ECCN: EAR99
Schedule B: 8536.69.4040
HTSN: 8536.69.4040



(http://www.molex.com/webdocs/datasheets/pdf/en-us/0010897162_PCB_HEADERS.pdf)

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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : 10-89-7162 MFR: Molex Stock: 18,613 Can ship immediately Factory Stock: 15 Can ship within 2 weeks Average Factory Lead Time: 2 Week Factory Lead Time	Bulk	1-\$1.0290 10-\$0.5726 50-\$0.4490 100-\$0.4252 500-\$0.3658 1,000+-\$0.3605	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Type	Unshrouded Header
Pitch	2.54 mm
Number of Rows	2
Number of Contacts	16
Gender	HDR
Contact Plating	Gold Over Nickel
Termination Method	Solder
Category	Connector Headers and PCB Receptacles
Manufacturer	Molex

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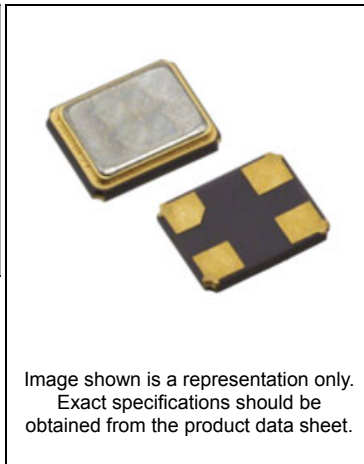
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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Crystals and Oscillators](#) > [Crystals](#) > **ABM8-25.000MHZ-B2-T**

All prices are in US dollars.				
Digi-Key Part Number	535-9140-1-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 1,965 Can ship immediately	1	1.27000	1.27
		10	1.22000	12.20
		50	1.19340	59.67
		100	1.02060	102.06
		500	0.99360	496.80
Manufacturer	Abracon Corporation			
Manufacturer Part Number	ABM8-25.000MHZ-B2-T			
Description	CRYSTAL 25MHZ 18PF SMD			
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Quantity	Item Number	Customer Reference	
<input type="text" value="1"/>	<input type="text" value="535-9140-1-ND"/>	<input type="text"/>	<input type="button" value="Add to Cart"/>

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	ABM8 Series ABM8 Drawing
Product Photos	ABM8 SERIES - 4-SMD. No Lead (DFN, LCC)
RoHS Information	RoHS2/REACH Compliance
Catalog Drawings	ABM8 Series Top ABM8 Series Side ABM8 Series Footprint ABM8 Series Circuit
3D Model	ABM8.pdf ABM8.stp
Standard Package	1
Category	Crystals and Oscillators
Family	Crystals
Series	ABM8
Packaging	Cut Tape (CT) <input style="font-size: small; vertical-align: middle;" type="button" value="?"/>
Type	MHz Crystal
Frequency	25MHz
Frequency Stability	±50ppm
Frequency Tolerance	±20ppm
Load Capacitance	18pF
ESR (Equivalent Series Resistance)	50 Ohm
Operating Mode	Fundamental

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
535-9140-2-ND	ABM8-25.000MHZ-B2-T	Tape & Reel (TR) <input style="font-size: small; vertical-align: middle;" type="button" value="?"/>	1,000 - Immediate	0.79650	1,000
535-9140-6-ND	ABM8-25.000MHZ-B2-T	Digi-Reel® <input style="font-size: small; vertical-align: middle;" type="button" value="?"/>	2,235 - Immediate	Calculate	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

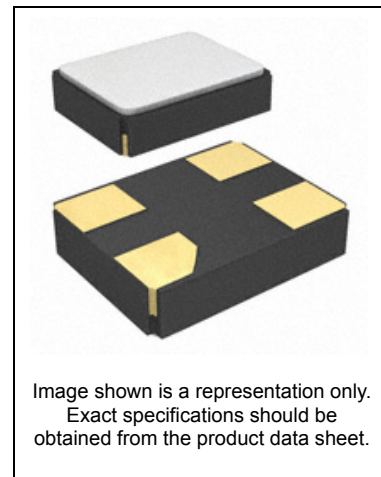
Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Crystals and Oscillators](#) > [Oscillators](#) > **KC2520B50.0000C10E00**

All prices are in US dollars.				
Digi-Key Part Number	478-6302-6-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 2,984 Can ship immediately	1	3.75000	3.75
Manufacturer	AVX Corp/Kyocera Corp	10	3.25000	32.50
Manufacturer Part Number	KC2520B50.0000C10E00	50	2.85000	142.50
Description	OSC XO 50.000MHZ CMOS SMD	100	2.25000	225.00
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	500	1.90000	950.00
		750	1.66000	1,245.00
		1,000	1.50000	1,500.00

A \$7.00 reeling fee will be applied to each reel ordered. Digi-Reels are a custom product and are non-cancelable and non-returnable.



Digi-Reel Pricing		
Quantity	Unit Price USD	Extended Price USD
<input type="text"/>		
		<input type="button" value="Calculate Price"/>

Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	KC2520B-C1 Series
Product Photos	4-SMD, No Lead (DFN, LCC)
Standard Package	1
Category	Crystals and Oscillators
Family	Oscillators
Series	KC2520B-C1, Kyocera
Packaging	Digi-Reel®
Type	XO (Standard)
Frequency	50MHz
Function	Standby (Power Down)
Output	CMOS
Voltage - Supply	1.6 V ~ 3.63 V
Frequency Stability	±50ppm
Operating Temperature	-10°C ~ 70°C

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
478-6302-2-ND	KC2520B50.0000C10E00	Tape & Reel (TR) ?	2,000 - Immediate	1.40000	2,000
478-6302-1-ND	KC2520B50.0000C10E00	Cut Tape (CT) ?	2,984 - Immediate	3.75000	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

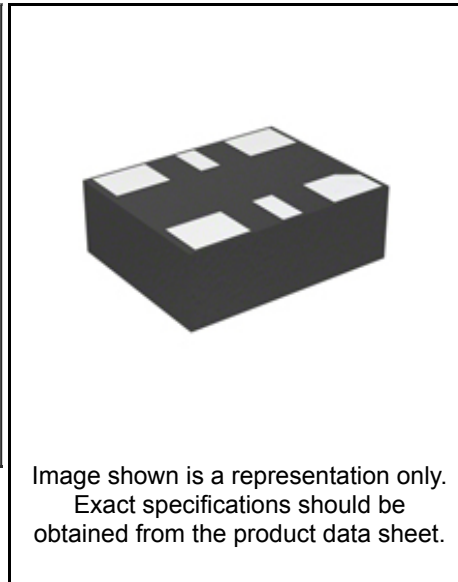
Keywords:



- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Crystals and Oscillators](#) > [Oscillators](#) > ASDMPLV-200.000MHZ-LR-T

All prices are in US dollars.				
Digi-Key Part Number	535-12121-ND	Price Break	Unit Price	Extended Price
Quantity Available	<input type="text" value="0"/>	1	4.46000	4.46
	<input type="text" value="Enter Quantity Requested"/>	10	4.35800	43.58
Manufacturer	Abracon Corporation	50	4.15000	207.50
		100	3.63130	363.13
Manufacturer Part Number	ASDMPLV-200.000MHZ-LR-T	500	3.52750	1,763.75
		750	3.21625	2,412.19
Description	OSC MEMS 200.000MHZ LVDS SMD	1,000	3.00875	3,008.75
		2,500	2.80125	7,003.13
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	5,000	2.69750	13,487.50



Quantity	Item Number	Customer Reference
<input type="text" value="1"/>	<input type="text" value="535-12121-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	MEMSPEED PRO II Flyer ASDMP Series Datasheet AS Series MEMS Differential Output Flyer
Product Photos	ASDMP Pure Silicon
Product Training Modules	MEMSpeed Pro II
RoHS Information	RoHS2/REACH Compliance
Standard Package	1,000
Category	Crystals and Oscillators
Family	Oscillators
Series	ASDMP, Pure Silicon™
Packaging	Cut Strip
Type	MEMS (Silicon)
Frequency	200MHz
Function	Tri-State (Output Enable)
Output	LVDS
Voltage - Supply	2.25 V ~ 3.6 V
Frequency Stability	±25ppm
Operating Temperature	-40°C ~ 85°C
Current - Supply (Max)	32mA
Ratings	-
Mounting Type	Surface Mount



Part Details

Manufacturer Part #: XC7A200T-1FBG484I

Xilinx
 FPGA Artix-7 Family 215360 Cells 28nm Technology 1V 484-Pin
 Lidless FCBGA

Avnet Part #: XC7A200T-1FBG484I
 ECCN: 3A991.D.1
 Schedule B: 8542.39.0000
 HTSN: 8542.39.0000



(http://www.xilinx.com/support/documentation/data_sheets/ds180_7Series_Overview.pdf)

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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas	Part # : XC7A200T-1FBG484I	Trays	1- \$241.8646	<input style="width: 40px;" type="text" value="1"/> Min: 1 Mult: 1
	MFR Xilinx		2-\$233.1800	
	Stock: No Stock		5-\$218.5450	
	Stock On Order: 30 Can ship 07/16/2014		10-\$214.1920	
	3 Can ship 07/17/2014		50-\$204.1299	
	Average Factory Lead Time: 6 Week		100+-\$203.1480	
	Factory Lead Time			

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Part Details

Description	Value
Package	484Lidless FCBGA
Family Name	Artix-7
Device Logic Cells	215360
Device Logic Units	134600
Number of Registers	269200
Typical Operating Supply Voltage	1 V
Maximum Number of User I/Os	285
RAM Bits	13455360
Re-programmability Support	Yes
Operating Temperature	-40 to 100 °C
Speed Grade	1
Category	FPGA
Manufacturer	Xilinx

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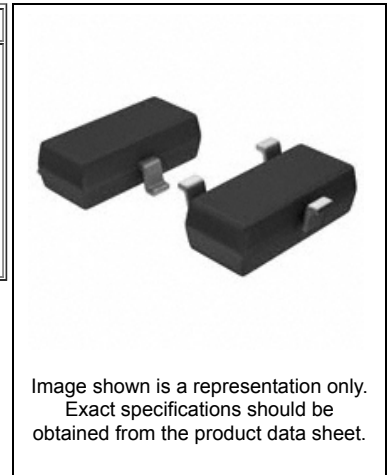
Related Categories

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Discrete Semiconductor Products](#) > [Diodes, Rectifiers - Single](#) > **BAS16-E3-08**

All prices are in US dollars.				
Digi-Key Part Number	BAS16-E3-08TR-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 6,000	3,000	0.03570	107.10
	Can ship immediately	6,000	0.03220	193.20
Manufacturer	Vishay Semiconductor Diodes Division			
Manufacturer Part Number	BAS16-E3-08			
Description	DIODE SWITCHING 75V 0.15A SOT23			
	15,000	0.02800	420.00	
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			
	75,000	0.02240	1,680.00	
	150,000	0.01862	2,793.00	



Quantity	Item Number	Customer Reference
<input type="text" value="3000"/>	<input type="text" value="BAS16-E3-08TR-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	BAS16
Product Photos	SOT-23-3
Standard Package	3,000
Category	Discrete Semiconductor Products
Family	Diodes, Rectifiers - Single
Series	-
Packaging	Tape & Reel (TR)
Diode Type	Standard
Voltage - DC Reverse (Vr) (Max)	75V
Current - Average Rectified (Io)	150mA
Voltage - Forward (Vf) (Max) @ If	1.25V @ 150mA
Speed	Small Signal =< 200mA (Io), Any Speed
Reverse Recovery Time (trr)	6ns
Current - Reverse Leakage @ Vr	1µA @ 75V
Capacitance @ Vr, F	4pF @ 0V, 1MHz
Thermal Resistance	*

Alternate Package
This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
BAS16-E3-08CT-ND	BAS16-E3-08	Cut Tape (CT)	8,708 - Immediate	0.22000	1
BAS16-E3-08DKR-ND	BAS16-E3-08	Digi-Reel®	8,708 - Immediate	Calculate	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.


Part Details
Manufacturer Part #:
BLM21PG221SN1D

Murata Electronics

Ind Chip Bead 220Ohm 25% 100MHz Ferrite 2A 0805 Paper T/R

Avnet Part #: BLM21PG221SN1D

ECCN: EAR99

Schedule B: 8543.70.6000

HTSN: 8543.70.6000


<http://search.murata.co.jp/Ceramy/image/img/PDF/ENG/L0110S0100BLM21P.pdf>
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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas 	Part # : BLM21PG221SN1D MFR Murata Electronics Stock: 744,000 Can ship immediately Stock On Order: 392000 Can ship 06/19/2014 536000 Can ship 07/18/2014 Average Factory Lead Time: 7 Week Factory Lead Time	Tape & Reel	4,000-\$0.0226 20,000-\$0.0212 40,000+-\$0.0207	<input style="width: 50px;" type="text" value="4000"/> Min: 4000 Mult: 4000	Add to Cart Add to BOM
Americas 	Part # : BLM21PG221SN1D/BKN MFR Murata Electronics Stock: 1,755 Stock Can ship immediately Average Factory Lead Time: 7 Week Factory Lead Time	Cut Tape	1-\$0.1368 10-\$0.0751 50-\$0.0465 100-\$0.0397 500-\$0.0286 1,000+-\$0.0264	<input style="width: 50px;" type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
Global	View Inventory in All Regions				

Part Details

Description	Value
Package/Case	0805
Type	Chip Bead
Maximum DC Current	2 A
Tolerance	25 %
Maximum DC Resistance	50 mOhm
Impedance	220 Ohm
Core Material	Ferrite
Product Depth	1.45 mm
Product Height	1.05 mm
Category	Inductor Surface Mo unt
Manufacturer	Murata Electronics

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Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #: 0201ZD103KAT2A

AVX
 Cap Ceramic 0.01uF 10V X5R 10% SMD 0201 85°C Paper T/R



(<http://www.avxcorp.com/docs/Catalogs/05.pdf>)

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AVX UL Certified Lighting and Industrial Contacts

Increased functionality with the single contact placement ability; multiple contacts and/or specific individual locations

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(<http://www.em.avnet.co>)

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas 	Part # : 0201ZD103KAT2A MFR AVX Stock: 360,000 Can ship immediately Stock On Order: 180000 Can ship 06/20/2014 Average Factory Lead Time: 12 Week	Tape & Reel	15,000-\$0.0089 75,000-\$0.0085 150,000+-\$0.0083	<input type="text" value="15000"/> Min: 15000 Mult: 15000	Add to Cart Add to BOM
Americas 	Part # : 0201ZD103KAT2A/BKN MFR AVX Stock: 1,222 Stock Can ship immediately Average Factory Lead Time: 12 Week	Cut Tape	1-\$0.1320 10-\$0.0436 50-\$0.0242 100-\$0.0198 500-\$0.0135 1,000+-\$0.0120	<input type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
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Part Details

Description	Value
Package/Case	0201
Mounting	Surface Mount
Capacitance Value	0.01 uF
Voltage	10 Vdc
Tolerance	10 %
Dielectric	X5R
Operating Temperature	-55 to 85 °C
Construction	Flat
Product Length	0.6 mm
Product Height	0.33(Max) mm
Product Depth	0.3 mm
Category	Capacitor Ceramic M ultilayer
Manufacturer	AVX

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TYU | LMK063BJ103KP-F

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Alternate Parts

Manufacturer Part #	Qty Available/ Ships In	Packaging	DataSheet	Price (USD)	Buy Qty
<input type="checkbox"/> Murata Electronics GRM033R61A103KA01D (/store/em/EMController/_/A-5611906?&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : GRM033R61A103KA01D MFR Murata Electronics Stock: 195,000 Can ship immediately Stock On Order: 450000 Can ship 07/18/2014 Average Factory Lead Time: 10 Week Lead Time: Factory Lead Time	Tape & Reel	http://psearch.murata.com/capacitor/product/GRM033R61A103KA01%23.pdf	15,000- \$0.0035 75,000- \$0.0031 150,000+- \$0.0030	1500 Min:15000 Mult:15000 Add to Cart Add to BOM
<input type="checkbox"/> Murata Electronics GRM033R61A103KA01D (/store/em/EMController/_/A-11009526?&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : GRM033R61A103KA01D/BKN MFR Murata Electronics Stock: 99 Stock Can ship immediately Average Factory Lead Time: 10 Week Lead Time: Factory Lead Time	Cut Tape	http://psearch.murata.com/capacitor/product/GRM033R61A103KA01%23.pdf	1-\$0.1320 10-\$0.0188 50-\$0.0114 100-\$0.0096 500-\$0.0059 1,000+- \$0.0052	Min:1 Mult:1 Add to Cart Add to BOM
<input type="checkbox"/> NIC Components NMC0201X5R103K10TRPF (/store/em/EMController/_/A-8693046?&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : NMC0201X5R103K10TRPF MFR NIC Components Stock: 30,000 Can ship immediately Factory Stock: 45000 Can ship within 2 weeks Average Factory Lead Time: 12 Week Lead Time: Factory Lead Time	Tape & Reel	http://www.niccomp.com/catalog/nmc5.pdf	15,000- \$0.0036 45,000- \$0.0033 90,000+- \$0.0031	1500 Min:15000 Mult:15000 Add to Cart Add to BOM
<input type="checkbox"/> Murata Electronics GRM033R61A103KA01J (/store/em/EMController/_/A-5612480?&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : GRM033R61A103KA01J MFR Murata Electronics Stock: No Stock Average Factory Lead Time: 10 Week Lead Time: Factory Lead Time	Tape & Reel	http://psearch.murata.com/capacitor/product/GRM033R61A103KA01%23.pdf	50,000- \$0.0031 500,000+- \$0.0029	5000 Min:50000 Mult:50000 Add to Cart Add to BOM

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Manufacturer Part #: 02016D104KAT2AAVX
Cap Ceramic 0.1uF 6.3V X5R 10% SMD 0201 85°C Paper T/R

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Americas 	Part # : 02016D104KAT2A MFR AVX Stock: 180,000 Can ship immediately Factory 1110000 Stock: Can ship within 2 weeks Stock On Order: 90000 Can ship 08/08/2014 180000 Can ship 09/09/2014 Average Factory Lead Time: 16 Week Factory Lead Time	Tape & Reel	15.000-\$0.0045 75,000-\$0.0041 150,000+-\$0.0040	<input type="text" value="15000"/> Min: 15000 Mult: 15000	Add to Cart Add to BOM
Americas 	Part # : 02016D104KAT2A/BKN MFR AVX Stock: 15,000 Can ship immediately Factory 1110000 Stock: Can ship within 2 weeks Average Factory Lead Time: 16 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0243 50-\$0.0144 100-\$0.0114 500-\$0.0076 1,000+-\$0.0064	<input type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
Global	View Inventory in All Regions				

Part Details

Description	Value
Package/Case	0201
Mounting	Surface Mount
Capacitance Value	0.1 uF
Voltage	6.3 Vdc
Tolerance	10 %
Dielectric	X5R
Operating Temperature	-55 to 85 °C
Construction	Flat
Product Length	0.6 mm
Product Height	0.33(Max) mm
Product Depth	0.3 mm
Category	Capacitor Ceramic M ultilayer
Manufacturer	AVX

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<input type="checkbox"/>	Murata Electronics GRM033R60J104KE19D (/store/em/EMController/_/A-2789871?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN UNSPSC Type: Equivalent Region: Americas 	Part # : GRM033R60J104KE19D MFR Murata Electronics Stock: 4,800,000 Can ship immediately Stock On Order: 30000 Can ship 06/19/2014 Average Factory Lead Time: 10 Week Factory Lead Time View Inventory in All Regions	Tape & Reel		15,000-\$0.0051 75,000-\$0.0047 150,000+-\$0.0046	<input type="text" value="15000"/> Min:15000 Mult:15000 Add to Cart Add to BOM
<input type="checkbox"/>	Murata Electronics GRM033R60J104KE19D (/store/em/EMController/_/A-11012396?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN UNSPSC Type: Equivalent Region: Americas 	Part # : GRM033R60J104KE19D/BKN MFR Murata Electronics Stock: 20,430 Stock Can ship immediately Average Factory Lead Time: 10 Week Factory Lead Time View Inventory in All Regions	Cut Tape		1-\$0.1320 10-\$0.0278 50-\$0.0163 100-\$0.0130 500-\$0.0087 1,000+-\$0.0074	<input type="text" value="1"/> Min:1 Mult:1 Add to Cart Add to BOM
<input type="checkbox"/>	KEMET C0201C104K9PACTU (/store/em/EMController/_/A-4524878?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN UNSPSC Type: Equivalent Region: Americas 	Part # : C0201C104K9PAC TU MFR KEMET Stock: 3,120,000 Can ship immediately Average Factory Lead Time: Call for Delivery	Tape & Reel	http://capacitoredge.kemet.com/capedge2/DataSheet?pn=C0201C104K9PAC7867	15,000-\$0.0068 75,000-\$0.0064 150,000+-\$0.0063	<input type="text" value="15000"/> Min:15000 Mult:15000 Add to Cart Add to BOM
<input type="checkbox"/>	NIC Components NMC0201X5R104K6.3TRPF (/store/em/EMController/_/A-8281058?action=part&catalogId=500201&langId=-1&storeId=500201)	Part # : NMC0201X5R104K6.3TRPF MFR NIC Components	Tape & Reel	http://www.niccomp.com/catalog/nmc5.pdf	15,000-\$0.0040 75,000-	<input type="text" value="15000"/> Min:15000 Mult:15000

<p>ECCN UNSPSC</p> <p>Type: Equivalent Region: Americas</p> 	<p>Stock: 75,000 Stock Can ship immediately</p> <p>Average Factory Lead Time: 12 Week Factory Lead Time</p>		<p>\$0.0035</p> <p>150,000+-\$0.0034</p>	<p>Add to Cart</p> <p>Add to BOM</p>
<p><input type="checkbox"/> Murata Electronics GRM033R60J104KE19J (/store/em/EMController/ /A-5612460?action=part&catalogId=500201&langId=-1&storeId=500201)</p> <p>ECCN UNSPSC</p> <p>Type: Equivalent Region: Americas</p> 	<p>Part # : GRM033R60J104KE19J</p> <p>MFR Murata Electronics</p> <p>Stock: No Stock</p> <p>Average Factory Lead Time: 10 Week Factory Lead Time</p>	<p>Tape & Reel</p>	<p>50,000-\$0.0048</p> <p>250,000-\$0.0046</p> <p>500,000+-\$0.0045</p>	<p>50000</p> <p>Min:50000 Mult:50000</p> <p>Add to Cart</p> <p>Add to BOM</p>

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Part Details
Manufacturer Part #: CAY16-472J4LF/BKN

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Schedule B: 8533.10.0020
HTSN: 8533.10.0020
UNSPSC: 32121607
Version: v13.0601

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas	Part # : CAY16-472J4LF/BKN MFR Bourns Stock: 810 Stock Can ship immediately Average Factory Lead Time: 13 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0326 50-\$0.0185 100-\$0.0149 500-\$0.0100 1,000+-\$0.0086	<input type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
Americas	Part # : CAY16-472J4LF MFR Bourns Stock: No Stock Average Factory Lead Time: 13 Week Factory Lead Time	Tape & Reel	5,000-\$0.0064 25,000-\$0.0053 50,000+-\$0.0053	<input type="text" value="5000"/> Min: 5000 Mult: 5000	Add to Cart Add to BOM
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Part Details

Description	Value
Package Type	SMD
Number of Resistors	4
Number of Terminals	8
Type	Array
Circuit Designator	ISOL
Technology	Thick Film
Operating Temperature	-55 to 125 °C
Resistance Value	4.7 KOhm
Category	Resistor Networks and Arrays
Manufacturer	Bourns

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PART INFORMATION

CL05A106MQ5NUNC PART DETAILS & PARAMETRIC

EU RoHS	Compliant
Capacitance Value	10uF
Voltage	6.3VDC
Tolerance	20%
Dielectric	X5R
Case Style	Ceramic Chip
Technology	Standard
Mounting	Surface Mount
Construction	Flat
Package/Case	0402
Max. Operating Temperature (°C)	85
Product Length (mm)	1
Product Depth (mm)	0.5
Product Height (mm)	0.5
Packaging	Paper Tape and Reel
Taxonomy	Capacitor » Fixed Capacitors » Capacitor Ceramic Multilayer (/product/Capacitor+Ceramic+Multilayer)

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 CL05A106MP5NUNC (/item/detail/samsung-electro-mechanics/cl05a106mp5nunc)	Samsung Electro-Mechanics	Cap Ceramic 10uF 10V X5R 20% SMD 0402 85°C Cardboard T/R	6000	\$0.14 <input type="button" value="Buy"/>
 GRM155R60J106ME44D (/item/detail/murata-manufacturing/grm155r60j106me44d)	Murata Manufacturing	Cap Ceramic 10uF 6.3V X5R 20% SMD 0402 85°C Paper T/R	5125	\$0.16 <input type="button" value="Buy"/>

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Capacitor Ceramic Multilayer (/product/Capacitor+Ceramic+Multilayer)	CL31A107MOHNNNE (/item/detail/samsung-electro-mechanics/cl31a107mqhnnne)	Samsung Electro-Mechanics (/manufacturer/Samsung+Electro-Mechanics)
Capacitor Ceramic Multilayer (/product/Capacitor+Ceramic+Multilayer)	GRM155R60J475ME87D (/item/detail/murata-manufacturing/grm155r60j475me87d)	Murata Manufacturing (/manufacturer/Murata+Manufacturing)

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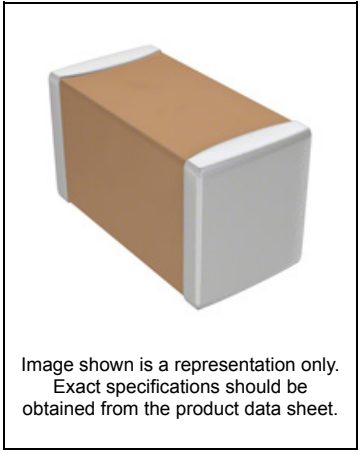
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[Product Index](#) > [Capacitors](#) > [Ceramic Capacitors](#) > **CL31A107MQHNNNE**

		All prices are in US dollars.		
Digi-Key Part Number	1276-1782-1-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 5,640	1	1.18000	1.18
	Can ship immediately	10	0.98700	9.87
Manufacturer	Samsung Electro-Mechanics America, Inc	25	0.85040	21.26
Manufacturer Part Number	CL31A107MQHNNNE	50	0.79800	39.90
Description	CAP CER 100UF 6.3V 20% X5R 1206	100	0.63000	63.00
		250	0.52500	131.25
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	500	0.47250	236.25
		1,000	0.43050	430.50



Quantity	Item Number	Customer Reference
<input type="text" value="1"/>	<input type="text" value="1276-1782-1-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	CL31A107MQHNNNE Spec MLCC Catalog CL31A107MQHNNNE Characteristics	Alternate Package This part is also available in the following packaging:																		
Product Photos	CL Series 1206(3216 Metric) 18	<table border="1"> <thead> <tr> <th>Digi-Key Part Number</th> <th>Manufacturer Part Number</th> <th>Packaging</th> <th>Quantity Available</th> <th>Unit Price</th> <th>Minimum Quantity</th> </tr> </thead> <tbody> <tr> <td>1276-1782-2-ND</td> <td>CL31A107MQHNNNE</td> <td>Tape & Reel (TR) ?</td> <td>4,000 - Immediate</td> <td>0.30450</td> <td>2,000</td> </tr> <tr> <td>1276-1782-6-ND</td> <td>CL31A107MQHNNNE</td> <td>Digi-Reel® ?</td> <td>5,640 - Immediate</td> <td>Calculate</td> <td>1</td> </tr> </tbody> </table>	Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity	1276-1782-2-ND	CL31A107MQHNNNE	Tape & Reel (TR) ?	4,000 - Immediate	0.30450	2,000	1276-1782-6-ND	CL31A107MQHNNNE	Digi-Reel® ?	5,640 - Immediate	Calculate	1
Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity															
1276-1782-2-ND	CL31A107MQHNNNE	Tape & Reel (TR) ?	4,000 - Immediate	0.30450	2,000															
1276-1782-6-ND	CL31A107MQHNNNE	Digi-Reel® ?	5,640 - Immediate	Calculate	1															
Product Training Modules	High Cap MLCC Family	Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.																		
RoHS Information	Material Declaration MLCC																			
Featured Product	Multi-Layer Ceramic Capacitors																			
Standard Package ?	1																			
Category	Capacitors																			
Family	Ceramic Capacitors																			
Series	CL																			
Packaging ?	Cut Tape (CT) ?																			
Capacitance	100µF																			
Voltage - Rated	6.3V																			
Tolerance	±20%																			
Temperature Coefficient	X5R																			
Mounting Type	Surface Mount, MLCC																			
Operating Temperature	-55°C ~ 85°C																			
Applications	General Purpose																			
Ratings	-																			
Package / Case	1206 (3216 Metric)																			
Size / Dimension	0.126" L x 0.063" W (3.20mm x 1.60mm)																			
Height - Seated (Max)	-																			
Thickness	-																			

(Max)	0.071" (1.80mm)
Lead Spacing	-
Features	-
Lead Style	-
Dynamic Catalog	CL Series. High Capacitance
Other Names	1276-1782-1

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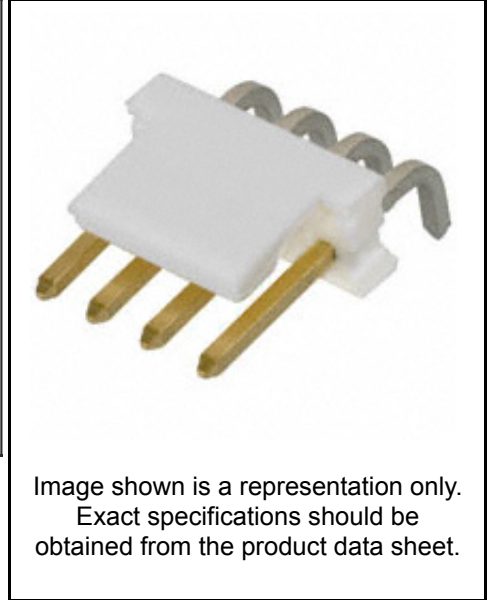
11:06:57 5/28/2014

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Connectors, Interconnects](#) > [Rectangular Connectors - Headers, Male Pins](#) > **3-641210-4**

		All prices are in US dollars.		
Digi-Key Part Number	A31690-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 1,530 Can ship immediately	1	1.90000	1.90
Manufacturer	TE Connectivity	10	1.72800	17.28
Manufacturer Part Number	3-641210-4	50	1.55180	77.59
Description	CONN HEADER RT/A .156 4POS 30AU	100	1.48130	148.13
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	250	1.34020	335.05
		500	1.23438	617.19
		1,000	1.05804	1,058.04
		2,500	0.98750	2,468.76
		5,000	0.93813	4,690.64



Quantity	Item Number	Customer Reference
<input type="text" value="v"/>	<input type="text" value="A31690-ND"/>	<input type="text"/>
	<input type="button" value="Add to Cart"/>	

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	641210
Product Photos	641210-4, 3-641210-4
RoHS Information	3-641210-4 Statement of Compliance RoHS 2 Statement
Catalog Drawings	640389, 641210 Series
Featured Product	MTA Connectors
3D Model	3-641210-4.pdf
Standard Package	1
Category	Connectors, Interconnects
Family	Rectangular Connectors - Headers, Male Pins
Series	MTA-156, AMP
Packaging	Bulk
Contact Type	Male Pin
Connector Type	Header, Unshrouded
Number of Positions	4
Number of Positions Loaded	All
Pitch	0.156" (3.96mm)
Number of Rows	1
Row Spacing	-



Part Details **Related Parts** **Alternate Parts**

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Manufacturer Part #: CRCW04024K87FKED

Vishay / Dale
 Res Thick Film 0402 4.87K Ohm 1% 1/16W ±100ppm/°C Molded
 SMD SMD Paper T/R



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Avnet Part #: CRCW04024K87FKED
 ECCN: EAR99
 Schedule B: 8533.21.0025
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas 	Part # : CRCW04024K87FKED/BKN MFR Vishay / Dale Stock: 4,139 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
Americas 	Part # : CRCW04024K87FKED MFR Vishay / Dale Stock: 580,000 Can ship immediately Stock On Order: 20000 Can ship 06/09/2014 10000 Can ship 08/01/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000	Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	4.87 KOhm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #: CRCW04021K00FKED

Vishay / Dale
 Res Thick Film 0402 1K Ohm 1% 1/16W ±100ppm/°C Molded SMD
 Paper T/R

Avnet Part #: CRCW04021K00FKED
 ECCN: EAR99
 Schedule B: 8533.21.0045
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW04021K00FKED/BKN MFR Vishay / Dale Stock: 36,950 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320	<input type="text" value="1"/> Add to Cart
			10-\$0.0112	Min: 1 Mult: 1 Add to BOM
			50-\$0.0087	
			100-\$0.0064	
			500-\$0.0040	
Americas 	Part # : CRCW04021K00FKED MFR Vishay / Dale Stock: 2,400,000 Can ship immediately Stock On Order: 600000 Can ship 06/10/2014 2720000 Can ship 06/12/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022	<input type="text" value="10000"/> Add to Cart
			50,000-\$0.0019	Min: 10000 Mult: 10000 Add to BOM
			100,000+-\$0.0018	

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	1 KOhm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #:
CRCW04021M00FKED

Vishay / Dale
 Res Thick Film 0402 1M Ohm 1% 1/16W ±100ppm/°C Molded SMD
 Paper T/R



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Avnet Part #: CRCW04021M00FKED
ECCN: EAR99
Schedule B: 8533.21.0025
HTSN: 8533.21.0030
UNSPSC: 32121612
Version: v13.0601

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW04021M00FKED/BKN MFR Vishay / Dale Stock: 11,940 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320	<input type="text" value="1"/> Add to Cart
			10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	Min: 1 Mult: 1 Add to BOM
Americas 	Part # : CRCW04021M00FKED MFR Vishay / Dale Stock: 610,000 Can ship immediately Stock On Order: 470000 Can ship 06/06/2014 580000 Can ship 07/14/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022	<input type="text" value="10000"/> Add to Cart
			50,000-\$0.0019 100,000+-\$0.0018	Min: 10000 Mult: 10000 Add to BOM
Global	View Inventory in All Regions			

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	1 MOhm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Related Products

CR0402-FX-1004GLF (/store/em/EMController/_/A-4018689/An-0?action=part&langId=-1&catalogId=500201&storeId=500201)

Res Thick Film 0402 1M Ohm 1% 1/16W ±100ppm°C Molded SMD SMD Paper Tape on Plastic Reel
BNS | CR0402-FX-1004GLF

ERJ-2RKF1004X (/store/em/EMController/_/A-2693047/An-0?action=part&langId=-1&catalogId=500201&storeId=500201)

Res Thick Film 0402 1M Ohm 1% 1/10W ±100ppm°C Molded SMD Punched Carrier T/R
PIC | ERJ-2RKF1004X

NRC04F1004TRF (/store/em/EMController/_/A-3789221/An-0?action=part&langId=-1&catalogId=500201&storeId=500201)

Res Thick Film 0402 1M Ohm 1% 1/16W ±100ppm°C Molded SMD SMD Paper T/R
NIC | NRC04F1004TRF

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Alternate Parts

Alternate parts are provided for your reference. Please check the supplier's datasheet for exact specifications and compatibility.

	Manufacturer Part #	Qty Available/ Ships In	Packaging	DataSheet	Price (USD)	Buy Qty
<input type="checkbox"/>	NIC Components NRC04F1004TRF (/store/em/EMController/_/A-3789221?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : NRC04F1004TRF MFR NIC Components Stock: 100,000 Can ship immediately Factory 1240000 Stock: Can ship within 2 weeks Stock On Order: 80000 Can ship 06/20/2014 100000 Can ship 09/12/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	 http://www.niccomp.com/Catalog/nrc.pdf	10,000-\$0.0015 50,000-\$0.0013 100,000+-\$0.0012	<input type="text" value="10000"/> Min:10000 Mult:10000 Add to Cart Add to BOM
<input type="checkbox"/>	Bourns CR0402-FX-1004GLF (/store/em/EMController/_/A-4018689?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : CR0402-FX-1004GLF MFR Bourns Stock: No Stock Average Factory Lead Time: 11 Week Factory Lead Time	Tape & Reel	 http://www.bourns.com/pdfs/CR0402.pdf	10,000-\$0.0046 50,000-\$0.0040 100,000+-\$0.0039	<input type="text" value="10000"/> Min:10000 Mult:10000 Add to Cart Add to BOM
<input type="checkbox"/>	Stackpole RMCF0402FT1M00 (/store/em/EMController/_/A-15855390?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : RMCF0402FT1M00 MFR Stackpole Stock: No Stock Stock On Order: 10000 Can ship 06/13/2014 10000 Can ship 06/20/2014 Average Factory Lead Time: Call for Delivery	Tape & Reel	 http://www.seielect.com/catalog/SEI-RMCF_RMCP.pdf	10,000-\$0.0025 50,000+-\$0.0021	<input type="text" value="10000"/> Min:10000 Mult:10000 Add to Cart Add to BOM
<input type="checkbox"/>	Stackpole RMCF0402FT1M00 (/store/em/EMController/_/A-5002880800247?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : RMCF0402FT1M00/BKN MFR Stackpole Stock: No Stock Average Factory Lead Time: Call for Delivery	Cut Tape	 http://www.seielect.com/catalog/SEI-RMCF_RMCP.pdf	1-\$0.0040 25-\$0.0034 50-\$0.0029 100-\$0.0027 250-\$0.0022 500+-\$0.0020	<input type="text" value="1"/> Min:1 Mult:1 Add to Cart Add to BOM

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Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #:
CRCW080510R0FKEA

Vishay / Dale
 Res Thick Film 0805 10 Ohm 1% 1/8W ±100ppm/°C Molded SMD
 Paper T/R



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW080510R0FKEA/BKN MFR Vishay / Dale Stock: 2,491 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM
			10-\$0.0155 50-\$0.0105 100-\$0.0083 500-\$0.0052 1,000+-\$0.0044	
Americas 	Part # : CRCW080510R0FKEA MFR Vishay / Dale Stock: 730,000 Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	5,000-\$0.0032	<input type="text" value="5000"/> Min: 5000 Mult: 5000 Add to Cart Add to BOM
			25,000-\$0.0028 50,000+-\$0.0025	
Global	View Inventory in All Regions			

Part Details

Description	Value
Case Size	0805
Type	Thick Film
Resistance Value	10 Ohm
Tolerance	1 %
Power Rating	1/8 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #: CRCW040222R1FKED

Vishay / Dale
 Res Thick Film 0402 22.1 Ohm 1% 1/16W ±100ppm/°C Molded SMD
 SMD Paper T/R

Avnet Part #: CRCW040222R1FKED
 ECCN: EAR99
 Schedule B: 8533.21.0090
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW040222R1FKED MFR Vishay / Dale Stock: 1,450,000 Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM
Americas 	Part # : CRCW040222R1FKED/BKN MFR Vishay / Dale Stock: 18,366 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.0030 100-\$0.0027 500+-\$0.0024	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	22.1 Ohm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details Related Parts Alternate Parts

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Manufacturer Part #:
CRCW040228K0FKED

Vishay / Dale
 Res Thick Film 0402 28K Ohm 1% 1/16W ±100ppm/°C Molded SMD
 Paper T/R



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Avnet Part #: CRCW040228K0FKED
 ECCN: EAR99
 Schedule B: 8533.21.0025
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW040228K0FKED MFR Vishay / Dale Stock: 70,000 Can ship immediately Stock On Order: 20000 Can ship 06/12/2014 40000 Can ship 07/18/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM
Americas 	Part # : CRCW040228K0FKED/BKN MFR Vishay / Dale Stock: 8,903 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	28 KOhm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Resistors](#) > [Chip Resistor - Surface Mount](#) > **CRCW040248K7FKED**

All prices are in US dollars.				
Digi-Key Part Number	541-48.7KLCT-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 77,312 Can ship immediately	10	0.08300	0.83
		50	0.04440	2.22
Manufacturer	Vishay Dale	200	0.02550	5.10
Manufacturer Part Number	CRCW040248K7FKED	1,000	0.01740	17.40
Description	RES 48.7K OHM 1/16W 1% 0402 SMD			
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			

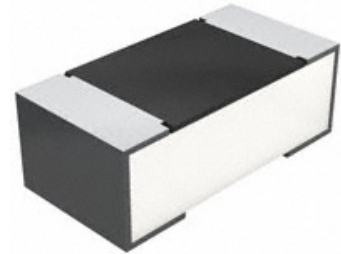


Image shown is a representation only.
Exact specifications should be obtained from the product data sheet.

Quantity	Item Number	Customer Reference	
<input type="text" value="10"/>	<input type="text" value="541-48.7KLCT-ND"/>	<input type="text"/>	<input type="button" value="Add to Cart"/>

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	D./CRCW... E3 Thick Film Chip Resistor Guide	Alternate Package This part is also available in the following packaging:					
Product Photos	541-0402 (1005) CRCW-0402	Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
Catalog Drawings	SMD Thick Film Top SMD Thick Film Side	541-48.7KLTR-ND	CRCW040248K7FKED	Tape & Reel (TR) ?	70,000 - Immediate	0.00540	10,000
Standard Package ?	10	541-48.7KLDKR-ND	CRCW040248K7FKED	Digi-Reel® ?	77,312 - Immediate	Calculate	10
Category	Resistors	Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.					
Family	Chip Resistor - Surface Mount						
Series	CRCW						
Packaging ?	Cut Tape (CT) ?						
Resistance (Ohms)	48.7k						
Tolerance	±1%						
Power (Watts)	0.063W, 1/16W						
Composition	Thick Film						
Features	Automotive AEC-Q200 Qualified						
Temperature Coefficient	±100ppm/°C						
Package / Case	0402 (1005 Metric)						
Supplier Device	0402 (1005 Metric)						



Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #: CRCW040249R9FKED

Vishay / Dale
 Res Thick Film 0402 49.9 Ohm 1% 1/16W ±100ppm/°C Molded SMD
 Paper T/R

Avnet Part #: CRCW040249R9FKED
 ECCN: EAR99
 Schedule B: 8533.21.0045
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW040249R9FKED MFR Vishay / Dale Stock: 4,070,000 Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM
Americas 	Part # : CRCW040249R9FKED/BKN MFR Vishay / Dale Stock: 28,008 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	49.9 Ohm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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 US/SERVICES/PAGES/DEFAULT.ASPX) | BOM UPLOAD (/STORE/EM/BOMUPLOADCONTROLLERCMD?
 ACTION=BOMHOME&CATALOGID=500201&LANGID=-1&STOREID=500201)



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</store/em/OrderItemDisplay?storeId=500201&langId=-1&>

Home Page (/store/em/EMController?action=home&langId=-1&storeId=500201&catalogId=500201) » Products » Resistor » Resistor Fixed Single-Surface Mount » X CRCW0402100KFKED

Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #:
CRCW0402100KFKED

Vishay / Dale
 Res Thick Film 0402 100K Ohm 1% 1/16W ±100ppm/°C Molded
 SMD Paper T/R

Avnet Part #: CRCW0402100KFKED
 ECCN: EAR99
 Schedule B: 8533.21.0045
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas	Part # : CRCW0402100KFKED MFR Vishay / Dale Stock: 3,410,000 Can ship immediately Stock On Order: 1200000 Can ship 08/11/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM
Americas	Part # : CRCW0402100KFKED/BKN MFR Vishay / Dale Stock: 44,884 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM
Global	View Inventory in All Regions			

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	100 KOhm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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CART </store/em/OrderItemDisplay/storeId=500201&lanId=&ca>

Home Page (/store/em/EMController?action=home&langId=&storeId=500201&catalogId=500201) » Products » Resistor » Resistor Fixed Single-Surface Mount » X CRCW0201100KFKED

Part Details

Manufacturer Part #: CRCW0201100KFKED/BKN

Vishay / Dale
Res Thick Film 0201 100K Ohm 1% 1/20W ±100ppm/°C Molded SMD SMD Paper T/R

Avnet Part #: CRCW0201100KFKED
ECCN: EAR99
Schedule B: 8533.21.0025
HTSN: 8533.21.0030
UNSPSC: 32121612
Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas	Part # : CRCW0201100KFKED/BKN MFR Vishay / Dale Stock: 8,707 Stock Can ship immediately Average Factory Lead Time: 7 Week Factory Lead Time	Cut Tape	1-\$0.1490 10-\$0.0785 50-\$0.0486 100-\$0.0420 500-\$0.0304 1,000+-\$0.0288	<input type="text" value="1"/> Min: 1 Mult: 1
				Add to Cart Add to BOM
Americas	Part # : CRCW0201100KFKED MFR Vishay / Dale Stock: No Stock Average Factory Lead Time: 7 Week Factory Lead Time	Tape & Reel	10,000-\$0.0237 50,000-\$0.0226 100,000+-\$0.0224	<input type="text" value="10000"/> Min: 10000 Mult: 10000
				Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0201
Type	Thick Film
Resistance Value	100 KOhm
Tolerance	1 %
Power Rating	1/20 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #:
CRCW0402100RFKED

Vishay / Dale
 Res Thick Film 0402 100 Ohm 1% 1/16W ±100ppm/°C Molded SMD
 Paper T/R

Avnet Part #: CRCW0402100RFKED
 ECCN: EAR99
 Schedule B: 8533.21.0025
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW0402100RFKED MFR Vishay / Dale Stock: 2,990,000 Can ship immediately Stock On Order: 1000000 Can ship 06/30/2014 1450000 Can ship 08/08/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM
Americas 	Part # : CRCW0402100RFKED/BKN MFR Vishay / Dale Stock: 12,395 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	100 Ohm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details

Manufacturer Part #: CRCW0201100RFKED/BKN

Vishay / Dale
 Res Thick Film 0201 100 Ohm 1% 1/20W ±100ppm/°C Molded SMD
 SMD Paper T/R

Avnet Part #: CRCW0201100RFKED
 ECCN: EAR99
 Schedule B: 8533.21.0025
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas	Part # : CRCW0201100RFKED/BKN MFR Vishay / Dale Stock: 2,613 Stock Can ship immediately Average Factory Lead Time: 7 Week Factory Lead Time	Cut Tape	1-\$0.1490 10-\$0.0785 50-\$0.0486 100-\$0.0420 500-\$0.0304 1,000+-\$0.0288	<input type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
Americas	Part # : CRCW0201100RFKED MFR Vishay / Dale Stock: No Stock Average Factory Lead Time: 7 Week Factory Lead Time	Tape & Reel	10,000-\$0.0237 50,000-\$0.0226 100,000+-\$0.0224	<input type="text" value="10000"/> Min: 10000 Mult: 10000	Add to Cart Add to BOM
Global	View Inventory in All Regions				

Part Details

Description	Value
Case Size	0201
Type	Thick Film
Resistance Value	100 Ohm
Tolerance	1 %
Power Rating	1/20 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details
Alternate Parts
Manufacturer Part #:
CRCW0402120KFKED

Vishay / Dale
 Res Thick Film 0402 120K Ohm 1% 1/16W ±100ppm/°C Molded
 SMD Paper T/R

Avnet Part #: CRCW0402120KFKED
 ECCN: EAR99
 Schedule B: 8533.21.0025
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas	Part # : CRCW0402120KFKED MFR Vishay / Dale Stock: 160,000 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0020 30,000-\$0.0019 60,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000

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Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	120 KOhm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Alternate parts are provided for your reference. Please check the supplier's datasheet for exact specifications and compatibility.

Alternate Parts

Manufacturer Part #	Qty Available/ Ships In	Packaging	DataSheet	Price (USD)	Buy Qty
<input type="checkbox"/> Bourns CR0402-FX-1203GLF (/store/em/EMController/ JA-4493924? action=part&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC	Part # : CR0402-FX-1203GLF MFR Bourns Stock: No Stock	Tape & Reel	 http://www.bourns.com/pdfs/CR0402.pdf	10,000-\$0.0042 50,000-\$0.0036	<input type="text" value="10000"/> Min:10000 Mult:10000 Add to


Part Details
Related Parts
Alternate Parts
Manufacturer Part #:
CRCW0402150RFKED

Vishay / Dale
 Res Thick Film 0402 150 Ohm 1% 1/16W ±100ppm/°C Molded SMD
 Paper T/R

Avnet Part #: CRCW0402150RFKED
 ECCN: EAR99
 Schedule B: 8533.21.0090
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW0402150RFKED/BKN MFR Vishay / Dale Stock: 13,803 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM
Americas 	Part # : CRCW0402150RFKED MFR Vishay / Dale Stock: 140,000 Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	150 Ohm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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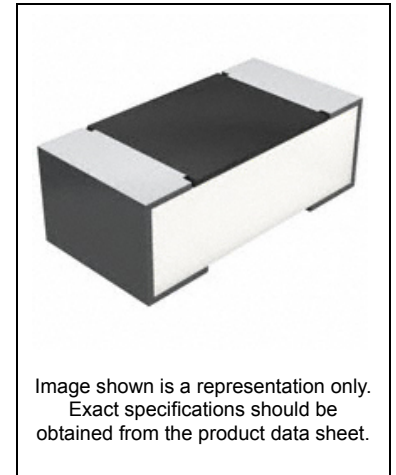
Related Products

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Resistors](#) > [Chip Resistor - Surface Mount](#) > CRCW0402180KFKED

All prices are in US dollars.				
Digi-Key Part Number	541-180KLDKR-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 91,130 Can ship immediately	10	0.08300	0.83
Manufacturer	Vishay Dale	50	0.04440	2.22
Manufacturer Part Number	CRCW0402180KFKED	200	0.02550	5.10
Description	RES 180K OHM 1/16W 1% 0402 SMD	1,000	0.01740	17.40
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



A \$7.00 reeling fee will be applied to each reel ordered. Digi-Reels are a custom product and are non-cancelable and non-returnable.

Digi-Reel Pricing		
Quantity	Unit Price USD	Extended Price USD
<input type="text"/>		
<input type="button" value="Calculate Price"/>		

Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	D../CRCW...E3 Thick Film Chip Resistor Guide	Alternate Package This part is also available in the following packaging: <table border="1"> <thead> <tr> <th>Digi-Key Part Number</th> <th>Manufacturer Part Number</th> <th>Packaging</th> <th>Quantity Available</th> <th>Unit Price</th> <th>Minimum Quantity</th> </tr> </thead> <tbody> <tr> <td>541-180KLTR-ND</td> <td>CRCW0402180KFKED</td> <td>Tape & Reel (TR) ?</td> <td>90,000 - Immediate</td> <td>0.00540</td> <td>10,000</td> </tr> <tr> <td>541-180KLCT-ND</td> <td>CRCW0402180KFKED</td> <td>Cut Tape (CT) ?</td> <td>91,130 - Immediate</td> <td>0.08300</td> <td>10</td> </tr> </tbody> </table> <p>Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.</p>	Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity	541-180KLTR-ND	CRCW0402180KFKED	Tape & Reel (TR) ?	90,000 - Immediate	0.00540	10,000	541-180KLCT-ND	CRCW0402180KFKED	Cut Tape (CT) ?	91,130 - Immediate	0.08300	10
Digi-Key Part Number	Manufacturer Part Number		Packaging	Quantity Available	Unit Price	Minimum Quantity														
541-180KLTR-ND	CRCW0402180KFKED		Tape & Reel (TR) ?	90,000 - Immediate	0.00540	10,000														
541-180KLCT-ND	CRCW0402180KFKED		Cut Tape (CT) ?	91,130 - Immediate	0.08300	10														
Product Photos	541-0402 (1005) CRCW-0402																			
Catalog Drawings	SMD Thick Film Top SMD Thick Film Side																			
Standard Package ?	10																			
Category	Resistors																			
Family	Chip Resistor - Surface Mount																			
Series	CRCW																			
Packaging ?	Digi-Reel® ?																			
Resistance (Ohms)	180k																			
Tolerance	±1%																			
Power (Watts)	0.063W, 1/16W																			
Composition	Thick Film																			
Features	Automotive AEC-Q200																			



Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #: CRCW0402300RFKED

Vishay / Dale
 Res Thick Film 0402 300 Ohm 1% 1/16W ±100ppm/°C Molded SMD
 SMD Paper T/R

Avnet Part #: CRCW0402300RFKED
 ECCN: EAR99
 Schedule B: 8533.21.0025
 HTSN: 8533.21.0030
 UNSPSC: 32121612
 Version: v13.0601



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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW0402300RFKED MFR Vishay / Dale Stock: 30,000 Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM
Americas 	Part # : CRCW0402300RFKED/BKN MFR Vishay / Dale Stock: 1,150 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	300 Ohm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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Part Details **Related Parts** **Alternate Parts**

Manufacturer Part #: CRCW0402499KFKED

Vishay / Dale
 Res Thick Film 0402 499K Ohm 1% 1/16W ±100ppm/°C Molded
 SMD SMD Paper T/R

Avnet Part #: CRCW0402499KFKED
 ECCN: EAR99
 Schedule B: 8533.21.0025
 HTSN: 8533.21.0030
 UNSPSC: 32121612
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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : CRCW0402499KFKED MFR Vishay / Dale Stock: 230,000 Can ship immediately Stock On Order: 140000 Can ship 07/14/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	10,000-\$0.0022 50,000-\$0.0019 100,000+-\$0.0018	<input style="width: 50px;" type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM
Americas 	Part # : CRCW0402499KFKED/BKN MFR Vishay / Dale Stock: 12,130 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0112 50-\$0.0087 100-\$0.0064 500-\$0.0040 1,000+-\$0.0033	<input style="width: 50px;" type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0402
Type	Thick Film
Resistance Value	499 KOhm
Tolerance	1 %
Power Rating	1/16 W
Case Style	Molded
Operating Temperature	-55 to 155 °C
Temperature Coefficient	±100 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Vishay / Dale

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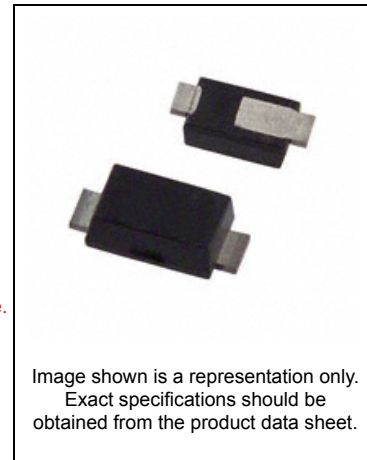
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- Lead free
- RoHS Compliant

[Product Index](#) > [Discrete Semiconductor Products](#) > [Diodes, Rectifiers - Single](#) > **DFLS130L-7**

All prices are in US dollars.				
Digi-Key Part Number	DFLS130LDIDKR-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 19,372	1	0.49000	0.49
	Can ship immediately	10	0.41200	4.12
Manufacturer	Diodes Incorporated	25	0.36120	9.03
Manufacturer Part Number	DFLS130L-7	100	0.30900	30.90
		250	0.26800	67.00
Description	DIODE SCHOTTKY 30V 1A POWERDI123	500	0.22700	113.50
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	1,000	0.17500	175.00

A \$7.00 reeling fee will be applied to each reel ordered. Digi-Reels are a custom product and are non-cancelable and non-returnable.

Digi-Reel Pricing		
Quantity	Unit Price USD	Extended Price USD
<input type="text"/>		
<input type="button" value="Calculate Price"/>		



Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	DFLS130L
Product Photos	31-POWERDI123
RoHS Information	RoHS Cert of Compliance
Standard Package	1
Category	Discrete Semiconductor Products
Family	Diodes, Rectifiers - Single
Series	-
Packaging	Digi-Reel®
Diode Type	Schottky
Voltage - DC Reverse (Vr) (Max)	30V
Current - Average Rectified (Io)	1A
Voltage - Forward (Vf) (Max) @ If	310mV @ 1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)
Reverse Recovery Time (trr)	-
Current - Reverse	1mA @ 30V

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
DFLS130LDITR-ND	DFLS130L-7	Tape & Reel (TR)	18,000 - Immediate	0.15500	3,000
DFLS130LDICT-ND	DFLS130L-7	Cut Tape (CT)	19,372 - Immediate	0.49000	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

Leakage @ Vr	
Capacitance @ Vr, F	76pF @ 10V, 1MHz
Thermal Resistance	10°C/W JI
Mounting Type	Surface Mount
Package / Case	2-SMD, Flat Lead
Supplier Device Package	PowerDI™ 123
Operating Temperature - Junction	-40°C ~ 125°C
Dynamic Catalog	Schottky Diode
Other Names	DFLS130LDIDKR

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12:35:26 5/28/2014



Part Details

Manufacturer Part #: ERJ-1GEF24R9C/BKN

Panasonic
 Res Thick Film 0201 24.9 Ohm 1% 1/20W ±200ppm/°C Molded SMD
 SMD Pressed Carrier T/R



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Avnet Part #: ERJ-1GEF24R9C
ECCN: EAR99
Schedule B: 8533.21.0045
HTSN: 8533.21.0040
UNSPSC: 32121612
Version: v13.0601

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas	Part # : ERJ-1GEF24R9C/BKN MFR Panasonic Stock: 10,042 Stock Can ship immediately Average Factory Lead Time: 8 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0299 50-\$0.0173 100-\$0.0139 500-\$0.0092 1,000+-\$0.0079	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM
Americas	Part # : ERJ-1GEF24R9C MFR Panasonic Stock: 30,000 Stock Can ship immediately Average Factory Lead Time: 8 Week Factory Lead Time	Tape & Reel	15,000-\$0.0050 75,000-\$0.0047 150,000+-\$0.0046	<input type="text" value="15000"/> Min: 15000 Mult: 15000 Add to Cart Add to BOM

Part Details

Description	Value
Case Size	0201
Type	Thick Film
Resistance Value	24.9 Ohm
Tolerance	1 %
Power Rating	1/20 W
Case Style	Molded
Operating Temperature	-55 to 125 °C
Temperature Coefficient	±200 ppm/°C
Lead Finish	Tin
Category	Resistor Fixed Single-Surface Mount
Manufacturer	Panasonic

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Manufacturer Part #: GRM033R71E102KA01D

Murata Electronics

Cap Ceramic 0.001uF 25V X7R 10% SMD 0201 125°C Paper T/R



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[Download Datasheet](#)
<http://psearch.murata.com/capacitor/product/GRM033R71E102KA01%23.pdf>
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Avnet Part #: GRM033R71E102KA01D
 ECCN: EAR99
 Schedule B: 8532.24.0020
 HTSN: 8532.24.0020
 UNSPSC: 32121506
 Version: v13.0601

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : GRM033R71E102KA01D MFR Murata Electronics Stock: 405,000 Can ship immediately Stock On Order: 285000 Can ship 07/29/2014 300000 Can ship 08/15/2014 Average Factory Lead Time: 13 Week Factory Lead Time	Tape & Reel	15,000-\$0.0035 75,000-\$0.0031 150,000+-\$0.0030	<input type="text" value="15000"/> Min: 15000 Mult: 15000 Add to Cart Add to BOM
Americas 	Part # : GRM033R71E102KA01D/BKN MFR Murata Electronics Stock: 2,825 Stock Can ship immediately Average Factory Lead Time: 13 Week Factory Lead Time	Cut Tape	1-\$0.1320 10-\$0.0188 50-\$0.0114 100-\$0.0096 500-\$0.0059 1,000+-\$0.0052	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM

Part Details

Description	Value
Package/Case	0201
Mounting	Surface Mount
Capacitance Value	0.001 uF
Voltage	25 Vdc
Tolerance	10 %
Dielectric	X7R
Operating Temperature	-55 to 125 °C
Construction	Flat
Product Length	0.6 mm
Product Height	0.3 mm
Category	Capacitor Ceramic M ultilayer
Manufacturer	Murata Electronics



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Alternate parts are provided for your reference. Please check the supplier's datasheet for exact specifications and compatibility.

Alternate Parts

Manufacturer Part #	Qty Available/ Ships In	Packaging	DataSheet	Price (USD)	Buy Qty
<input type="checkbox"/> NIC Components NMC0201X7R102K25TRPF (/store/em/EMController/ /A-8279452?action=part&catalogId=500201&langId=-1&storeId=500201) ECCN / HTSN UNSPSC Type: Equivalent Region: Americas 	Part # : NMC0201X7R102K25TRPF MFR NIC Components Stock: No Stock Factory 270000 Stock: Can ship within 2 weeks Average Factory Lead Time: 12 Week Lead Time: Factory Lead Time	Tape & Reel	 http://www.niccomp.com/catalog/nmc2.pdf	<div style="border: 1px solid red; padding: 2px;">15,000-\$0.0041</div> 45,000-\$0.0038 90,000+-\$0.0035	<div style="border: 1px solid gray; padding: 2px; width: 50px; text-align: center;">15000</div> Min:15000 Mult:15000 Add to Cart <div style="border: 1px solid gray; padding: 2px; width: 50px; text-align: center; margin-top: 5px;">Add to BOM</div>

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GRM155R60J475ME87D

[Capacitor Ceramic Multilayer \(/product/Capacitor+Ceramic+Multilayer\)](#) by [Murata Manufacturing \(/manufacturer/Murata+Manufacturing\)](#)

Cap Ceramic 4.7uF 6.3V X5R 20% SMD 0402 85°C Paper T/R

Mfr. Lead Time 14 weeks

[Datasheet \(http://download.siliconexpert.com/pdfs/2014/3/2/6/36/24/604/mrt_/manual/1574grm155r60j475me8723.pdf\)](http://download.siliconexpert.com/pdfs/2014/3/2/6/36/24/604/mrt_/manual/1574grm155r60j475me8723.pdf)

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show all 100+	\$0.1375									
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<p>In Stock: 80,000</p> <p>Ships in: 1 day</p> <p>Date code: 1410+</p> <p>Pipeline: 1,070,000 on order</p>	<p>Price: \$0.0199</p>	<p>Quantity</p> <input type="text"/> <p>Increment: 10000 Minimum: 10000</p>	<p>Calculate Total</p> <p>\$ --.---</p>	<input type="button" value="Buy"/>						


PART INFORMATION

GRM155R60J475ME87D PART DETAILS & PARAMETRIC


EU RoHS	Compliant
Capacitance Value	4.7uF
Voltage	6.3VDC
Tolerance	20%
Dielectric	X5R
Case Style	Ceramic Chip
Technology	Standard
Mounting	Surface Mount
Construction	Flat
Package/Case	0402
Max. Operating Temperature (°C)	85
Product Length (mm)	1
Product Depth (mm)	0.5
Product Height (mm)	0.5
Packaging	Paper Tape and Reel
Taxonomy	Capacitor » Fixed Capacitors » Capacitor Ceramic Multilayer (/product/Capacitor+Ceramic+Multilayer)

REPLACEMENTS & CROSS REFERENCES

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	Part	Manufacturer	Description	Quantity	Price
	C1005X5R0J475M (/item/detail/tdk/c1005x5r0j475m)	TDK	Cap Ceramic 4.7uF 6.3V X5R 20% SMD 0402 85°C Paper T/R	10425	\$0.0742
	NMC0402X5R475M6.3TRPF (/item/detail/nic-components/nmc0402x5r475m6.3trpf)	NIC Components	Cap Ceramic 4.7uF 6.3V X5R 20% SMD 0402 125°C Paper T/R	50000	\$0.052
	CL05A475MQ5NRNC (/item/detail/samsung-electro-mechanics/cl05a475mq5nrnc)	Samsung Electro-Mechanics	Cap Ceramic 4.7uF 6.3V X5R 20% SMD 0402 85°C Cardboard T/R	50000	\$0.072
	C1005X5R0J475M050BC (/item/detail/tdk/c1005x5r0j475m050bc)	TDK	Cap Ceramic 4.7uF 6.3V X5R 20% SMD 0402 85°C Paper T/R	0	\$0.0736

DESIGN RESOURCES

Model Type	Model Link
SPICE	 http://download.siliconexpert.com/pdfs/2012/8/28/8/49/55/451/mrt_/manual/grm155r60j475me87.zip

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Manufacturer Part #: GMK316BJ106KL-T

TAIYO YUDEN
 Cap Ceramic 10uF 35V X5R 10% SMD 1206 85°C T/R

TAIYO YUDEN

Avnet Part #: GMK316BJ106KL-T
 ECCN: EAR99
 Schedule B: 8532.24.0020
 HTSN: 8532.24.0020
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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas 	Part # : GMK316BJ106KL-T/BKN MFR TAIYO YUDEN Stock: 4,587 Stock Can ship immediately Average Factory Lead Time: 5 Week Factory Lead Time	Cut Tape	1-\$0.4063 10-\$0.1817 50-\$0.1235 100-\$0.1089 500-\$0.0917 1,000+-\$0.0828	<input style="width: 40px;" type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
Americas 	Part # : GMK316BJ106KL-T MFR TAIYO YUDEN Stock: 38,000 Can ship immediately Average Factory Lead Time: 5 Week Factory Lead Time	Tape & Reel	2,000-\$0.0790 10,000-\$0.0756 20,000+-\$0.0743	<input style="width: 40px;" type="text" value="2000"/> Min: 2000 Mult: 2000	Add to Cart Add to BOM

Part Details

Description	Value
Package/Case	1206
Mounting	Surface Mount
Capacitance Value	10 uF
Voltage	35 Vdc
Tolerance	10 %
Dielectric	X5R
Operating Temperature	-55 to 85 °C
Construction	Flat
Product Length	3.2 mm
Product Height	1.6 mm
Category	Capacitor Ceramic M utilayer
Manufacturer	TAIYO YUDEN

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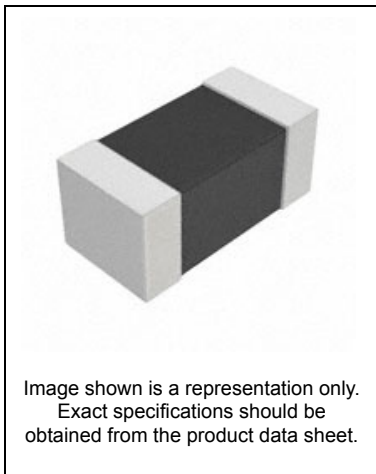
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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Capacitors](#) > [Ceramic Capacitors](#) > **GRM0335C1H180JA01D**

All prices are in US dollars.				
Digi-Key Part Number	490-6117-1-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 15,990 Can ship immediately	1	0.10000	0.10
Manufacturer	Murata Electronics North America	10	0.02300	0.23
Manufacturer Part Number	GRM0335C1H180JA01D	50	0.01260	0.63
Description	CAP CER 18PF 50V 5% NP0 0201	100	0.01070	1.07
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	250	0.00872	2.18
		500	0.00746	3.73
		1,000	0.00570	5.70
		5,000	0.00475	23.75



Quantity	Item Number	Customer Reference
<input type="text" value="1"/>	<input type="text" value="490-6117-1-ND"/>	<input type="text"/>
	<input type="button" value="Add to Cart"/>	

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

<p>Datasheets</p> <ul style="list-style-type: none"> Chip Monolithic Ceramic Caps Part Numbering Chip Monolithic Ceramic Caps Catalog <p>Product Photos</p> <p>0201-0603</p> <p>Catalog Drawings</p> <p>GRM Series 0201</p> <p>Standard Package</p> <p>1</p> <p>Category</p> <p>Capacitors</p> <p>Family</p> <p>Ceramic Capacitors</p> <p>Series</p> <p>GRM</p> <p>Packaging</p> <p>Cut Tape (CT)</p> <p>Capacitance</p> <p>18pF</p> <p>Voltage - Rated</p> <p>50V</p> <p>Tolerance</p> <p>±5%</p> <p>Temperature Coefficient</p> <p>C0G, NP0</p> <p>Mounting Type</p> <p>Surface Mount, MLCC</p> <p>Operating Temperature</p> <p>-55°C ~ 125°C</p> <p>Applications</p> <p>General Purpose</p> <p>Ratings</p> <p>-</p> <p>Package / Case</p> <p>0201 (0603 Metric)</p>	<p>Alternate Package</p> <p>This part is also available in the following packaging:</p> <table border="1"> <thead> <tr> <th>Digi-Key Part Number</th> <th>Manufacturer Part Number</th> <th>Packaging</th> <th>Quantity Available</th> <th>Unit Price</th> <th>Minimum Quantity</th> </tr> </thead> <tbody> <tr> <td>490-6117-2-ND</td> <td>GRM0335C1H180JA01D</td> <td>Tape & Reel (TR)</td> <td>0</td> <td>0.00380</td> <td>15,000</td> </tr> <tr> <td>490-6117-6-ND</td> <td>GRM0335C1H180JA01D</td> <td>Digi-Reel®</td> <td>15,990 - Immediate</td> <td>Calculate</td> <td>1</td> </tr> </tbody> </table> <p>Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.</p>	Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity	490-6117-2-ND	GRM0335C1H180JA01D	Tape & Reel (TR)	0	0.00380	15,000	490-6117-6-ND	GRM0335C1H180JA01D	Digi-Reel®	15,990 - Immediate	Calculate	1
Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity														
490-6117-2-ND	GRM0335C1H180JA01D	Tape & Reel (TR)	0	0.00380	15,000														
490-6117-6-ND	GRM0335C1H180JA01D	Digi-Reel®	15,990 - Immediate	Calculate	1														

Size / Dimension	0.024" L x 0.012" W (0.60mm x 0.30mm)
Height - Seated (Max)	-
Thickness (Max)	*
Lead Spacing	-
Features	-
Lead Style	-
Dynamic Catalog	GRM Series
Other Names	490-6117-1

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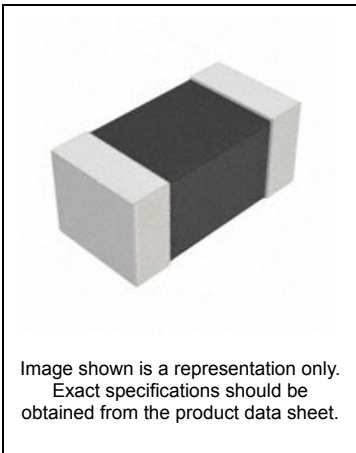
11:28:36 5/28/2014

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Capacitors](#) > [Ceramic Capacitors](#) > **GRM0335C1E470JA01D**

All prices are in US dollars.				
Digi-Key Part Number	490-1256-2-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 30,000	15,000	0.00340	51.00
	Can ship immediately	30,000	0.00323	96.90
Manufacturer	Murata Electronics North America	75,000	0.00289	216.75
Manufacturer Part Number	GRM0335C1E470JA01D	105,000	0.00234	245.44
Description	CAP CER 47PF 25V 5% NP0 0201			
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Quantity	Item Number	Customer Reference
<input type="text" value="15000"/>	<input type="text" value="490-1256-2-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	Chip Monolithic Ceramic Caps Part Numbering GRM0335C1E470JD01 GRM0335C1E470JA01 Ref Sheet
Product Photos	0201-0603
Catalog Drawings	GRM Series 0201
Standard Package	15,000
Category	Capacitors
Family	Ceramic Capacitors
Series	GRM
Packaging	Tape & Reel (TR)
Capacitance	47pF
Voltage - Rated	25V
Tolerance	±5%
Temperature Coefficient	C0G, NP0
Mounting Type	Surface Mount, MLCC
Operating Temperature	-55°C ~ 125°C
Applications	General Purpose
Ratings	-
Package / Case	0201 (0603 Metric)
Size / Dimension	0.024" L x 0.012" W (0.60mm x 0.30mm)
Height - Seated (Max)	-
Thickness (Max)	0.013" (0.33mm)
Lead Spacing	-
Features	-

Possible Substitute	<ul style="list-style-type: none"> 490-6129-2-ND 																		
Alternate Package	This part is also available in the following packaging:																		
	<table border="1"> <thead> <tr> <th>Digi-Key Part Number</th> <th>Manufacturer Part Number</th> <th>Packaging</th> <th>Quantity Available</th> <th>Unit Price</th> <th>Minimum Quantity</th> </tr> </thead> <tbody> <tr> <td>490-1256-1-ND</td> <td>GRM0335C1E470JA01D</td> <td>Cut Tape (CT)</td> <td>47,543 - Immediate</td> <td>0.10000</td> <td>1</td> </tr> <tr> <td>490-1256-6-ND</td> <td>GRM0335C1E470JA01D</td> <td>Digi-Reel®</td> <td>47,543 - Immediate</td> <td>Calculate</td> <td>1</td> </tr> </tbody> </table>	Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity	490-1256-1-ND	GRM0335C1E470JA01D	Cut Tape (CT)	47,543 - Immediate	0.10000	1	490-1256-6-ND	GRM0335C1E470JA01D	Digi-Reel®	47,543 - Immediate	Calculate	1
Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity														
490-1256-1-ND	GRM0335C1E470JA01D	Cut Tape (CT)	47,543 - Immediate	0.10000	1														
490-1256-6-ND	GRM0335C1E470JA01D	Digi-Reel®	47,543 - Immediate	Calculate	1														
	Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.																		

Lead Style	-
Dynamic Catalog	GRM Series
Other Names	490-1256-2 GRM0335C1E470JD01D

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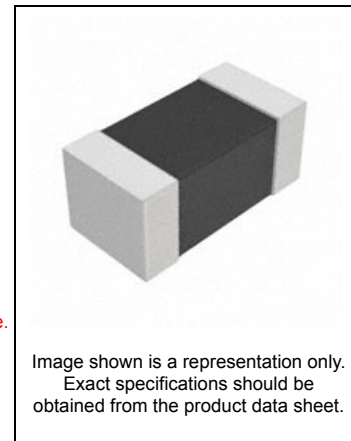
11:49:05 5/28/2014

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Capacitors](#) > [Ceramic Capacitors](#) > [GRM033R71E471KA01D](#)

All prices are in US dollars.				
Digi-Key Part Number	490-3180-6-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 122,405 Can ship immediately	1	0.10000	0.10
		10	0.02500	0.25
Manufacturer	Murata Electronics North America	50	0.01360	0.68
		100	0.01160	1.16
Manufacturer Part Number	GRM033R71E471KA01D	250	0.00944	2.36
		500	0.00808	4.04
Description	CAP CER 470PF 25V 10% X7R 0201	1,000	0.00630	6.30
		5,000	0.00525	26.25
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



A \$7.00 reeling fee will be applied to each reel ordered. Digi-Reels are a custom product and are non-cancelable and non-returnable.

Digi-Reel Pricing		
Quantity	Unit Price USD	Extended Price USD
<input type="text"/>		
<input type="button" value="Calculate Price"/>		

Quantity	Item Number	Customer Reference
<input type="text" value="1"/>	<input type="text" value="490-3180-6-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	GRM033R71E471KA01 Ref Sheet Chip Monolithic Ceramic Caps Part Numbering
Product Photos	0201-0603
Catalog Drawings	GRM Series 0201
Standard Package	1
Category	Capacitors
Family	Ceramic Capacitors
Series	GRM
Packaging	Digi-Reel®
Capacitance	470pF
Voltage - Rated	25V
Tolerance	±10%
Temperature Coefficient	X7R
Mounting Type	Surface Mount, MLCC
Operating Temperature	-55°C ~ 125°C
Applications	General Purpose
Ratings	-
Package / Case	0201 (0603 Metric)
Size / Dimension	0.024" L x 0.012" W (0.60mm x 0.30mm)
Height - Seated (Max)	-

<p>Possible Substitute</p> <ul style="list-style-type: none"> GRM033R71E471KA01J-ND 																		
<p>Alternate Package This part is also available in the following packaging:</p> <table border="1"> <thead> <tr> <th>Digi-Key Part Number</th> <th>Manufacturer Part Number</th> <th>Packaging</th> <th>Quantity Available</th> <th>Unit Price</th> <th>Minimum Quantity</th> </tr> </thead> <tbody> <tr> <td>490-3180-2-ND</td> <td>GRM033R71E471KA01D</td> <td>Tape & Reel (TR)</td> <td>105,000 - Immediate</td> <td>0.00420</td> <td>15,000</td> </tr> <tr> <td>490-3180-1-ND</td> <td>GRM033R71E471KA01D</td> <td>Cut Tape (CT)</td> <td>122,405 - Immediate</td> <td>0.10000</td> <td>1</td> </tr> </tbody> </table> <p>Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.</p>	Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity	490-3180-2-ND	GRM033R71E471KA01D	Tape & Reel (TR)	105,000 - Immediate	0.00420	15,000	490-3180-1-ND	GRM033R71E471KA01D	Cut Tape (CT)	122,405 - Immediate	0.10000	1
Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity													
490-3180-2-ND	GRM033R71E471KA01D	Tape & Reel (TR)	105,000 - Immediate	0.00420	15,000													
490-3180-1-ND	GRM033R71E471KA01D	Cut Tape (CT)	122,405 - Immediate	0.10000	1													

Thickness (Max)	0.013" (0.33mm)
Lead Spacing	-
Features	-
Lead Style	-
Dynamic Catalog	GRM Series
Other Names	490-3180-6

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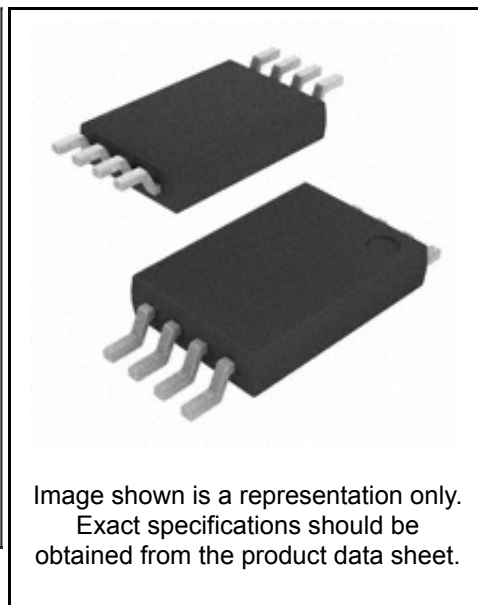
11:44:29 5/28/2014

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Integrated Circuits \(ICs\)](#) > [Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers](#) > **ICS844021BG-01LF**

		All prices are in US dollars.		
Digi-Key Part Number	800-1146-5-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 352 Can ship immediately	1	11.47000	11.47
	Factory Stock : 9,408	25	9.64160	241.04
		100	8.85970	885.97
		250	8.07800	2,019.50
		500	7.55682	3,778.41
1,000	6.93143	6,931.43		
2,500	6.67085	16,677.12		
5,000	6.46238	32,311.92		
10,000	6.25392	62,539.20		
Manufacturer	IDT, Integrated Device Technology Inc			
Manufacturer Part Number	ICS844021BG-01LF			
Description	IC CLK GEN ETH LVDS 8-TSSOP			
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	ICS844021-01
Product Photos	8-TSSOP
Product Training Modules	PCI-Express
PCN Design/Specification	Assembly Lot Number Scheme 12/Oct/2013
Standard Package	96
Category	Integrated Circuits (ICs)
Family	Clock/Timing - Clock Generators, PLLs, Frequency Synthesizers
Series	FemtoClock®
Packaging	Tube
Type	Clock Generator
PLL	Yes
Input	Crystal
Output	LVDS
Number of Circuits	1
Ratio - Input:Output	1:1
Differential - Input:Output	No/Yes

Frequency - Max	170MHz
Divider/Multiplier	Yes/Yes
Voltage - Supply	2.375 V ~ 3.465 V
Operating Temperature	0°C ~ 70°C
Mounting Type	Surface Mount
Package / Case	8-TSSOP (0.173", 4.40mm Width)
Supplier Device Package	8-TSSOP
Dynamic Catalog	<u>Clock Generators</u>
Other Names	800-1146 800-1146-5 800-1146-ND 844021BG-01LF ICS844021BG01LF

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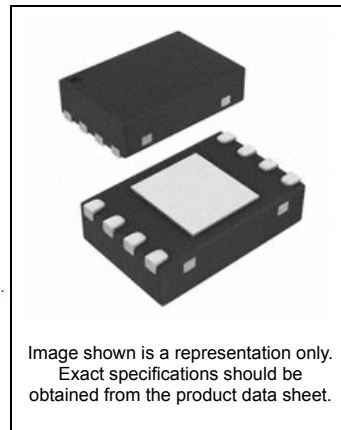
15:46:13 5/28/2014

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Integrated Circuits \(ICs\)](#) > [PMIC - Voltage Regulators - Linear \(LDO\)](#) > **LT3080EDD#TRPBF**

All prices are in US dollars.				
Digi-Key Part Number	LT3080EDD#TRPBFDKR-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 529	1	4.36000	4.36
	Can ship immediately	25	3.89440	97.36
		100	3.50490	350.49
Manufacturer	Linear Technology			
Manufacturer Part Number	LT3080EDD#TRPBF			
Description	IC REG LDO ADJ 1.1A 8DFN			
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



A \$7.00 reeling fee will be applied to each reel ordered. Digi-Reels are a custom product and are non-cancelable and non-returnable.

Digi-Reel Pricing		
Quantity	Unit Price USD	Extended Price USD
<input type="text"/>		
<input type="button" value="Calculate Price"/>		

Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	LT3080
Product Photos	8-VDFDN Exposed Pad
Product Training Modules	LT3080 Linear Voltage Regulator Low Dropout Linear Regulator Frequently Asked Questions
Featured Product	LDO Linear Regulators Altera - Linear Technology Joint Solutions
Standard Package	1
Category	Integrated Circuits (ICs)
Family	PMIC - Voltage Regulators - Linear (LDO)
Series	-
Packaging	Digi-Reel®
Regulator Topology	Positive Adjustable
Voltage - Output	Adj to 36V
Current - Output	1.1A
Voltage - Dropout (Typical)	1.35V @ 1.1A
Number of Regulators	1
Voltage - Input	1.2 V ~ 36 V
Current - Limit (Min)	1.1A
Operating Temperature	-40°C ~ 125°C
Mounting	

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
LT3080EDD#TRPBFTR-ND	LT3080EDD#TRPBF	Tape & Reel (TR)	0	2.37999	2,500
LT3080EDD#PBF-ND	LT3080EDD#PBF	Tube	577 - Immediate	3.77000	1
LT3080EDD#TRPBFCT-ND	LT3080EDD#TRPBF	Cut Tape (CT)	529 - Immediate	4.36000	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

Customers Who Evaluated This Product Also Evaluated:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
LT3015IDD#PBF-ND	LT3015IDD#PBF	Tube	0	6.41000	1
LTM2881IV-5#PBF-ND	LTM2881IV-5#PBF	Tray	1,015 - Immediate	17.04000	1
LTM8031IV#PBF-ND	LTM8031IV#PBF	Tray	806 - Immediate	18.87000	1
LTC2991IMS#PBF-ND	LTC2991IMS#PBF	Tube	1,021 - Immediate	11.06000	1
LT3050EDDB#TRMPBFDKR-ND	LT3050EDDB#TRMPBF	Digi-Reel®	1,314 - Immediate	Calculate	1

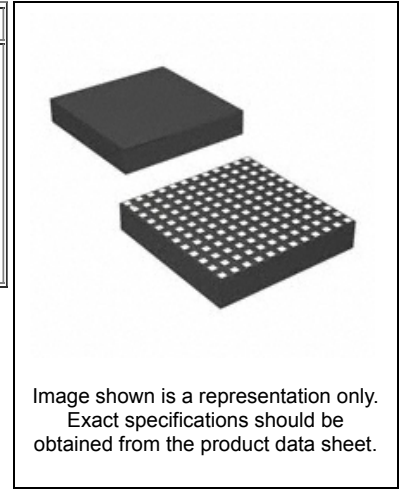
Keywords:

- In stock
- Lead free
- RoHS Compliant

[Search Again](#)

[Product Index](#) > [Power Supplies - Board Mount](#) > [DC DC Converters](#) > **LTM4619EV#PBF**

All prices are in US dollars.				
Digi-Key Part Number	LTM4619EV#PBF-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 258 Can ship immediately	1	28.62000	28.62
		25	23.93000	598.25
		100	20.33990	2,033.99
Manufacturer	Linear Technology			
Manufacturer Part Number	LTM4619EV#PBF			
Description	IC SWIT REG BUCK 4A ADJ 144LGA			
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Quantity	Item Number	Customer Reference
<input type="text" value="1"/>	<input type="text" value="LTM4619EV#PBF-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	LTM4619
Product Photos	144-LGA; 05-08-1816
Product Training Modules	Power Module vs. Discrete DC to DC
Catalog Drawings	LTM Series 15x15x2.8
Design Resources	LTM4619 Spice Model DC1453A Design Files LTM4619EV#PBF Footprint.bxl
Featured Product	µModule Products DC/DC µModule Regulator Family Altera - Linear Technology Joint Solutions
Reference Design Library	DC1453A: 1.8V & 3.3V @ 4A, 4.5 ~ 28V in
Standard Package	119
Category	Power Supplies - Board Mount
Family	DC DC Converters
Series	µModule®
Packaging	Tray
Type	Non-Isolated PoL Module
Number of Outputs	2

Customers Who Evaluated This Product Also Evaluated:						
Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity	
LTM4618EV#PBF-ND	LTM4618EV#PBF	Tray	837 - Immediate	19.32000	1	
LTM4606EV#PBF-ND	LTM4606EV#PBF	Tray	1,254 - Immediate	28.20000	1	
LTM4627EV#PBF-ND	LTM4627EV#PBF	Tray	0	30.73000	1	
LT3022EDHC#PBF-ND	LT3022EDHC#PBF	Tube	1,704 - Immediate	5.83000	1	
LTM4612EV#PBF-ND	LTM4612EV#PBF	Tray	25 - Immediate	33.99000	1	

Voltage - Input (Min)	4.5V
Voltage - Input (Max)	26.5V
Voltage - Output 1	0.8 ~ 5 V
Voltage - Output 2	0.8 ~ 5 V
Voltage - Output 3	-
Current - Output (Max)	4A, 4A
Power (Watts) - Manufacture Series	-
Voltage - Isolation	-
Features	-
Mounting Type	Surface Mount
Package / Case	144-LGA
Size / Dimension	0.59" L x 0.59" W x 0.11" H (15.0mm x 15.0mm x 2.8mm)
Operating Temperature	-40°C ~ 125°C
Efficiency	-
Power (Watts) - Max	-
Dynamic Catalog	µModule® Series LTM4619
For Use With	DC1453A-ND - BOARD EVAL LTM4619
Other Names	LTM4619EVPBF

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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Search Again](#)

[Product Index](#) > [Optoelectronics](#) > [LED Indication - Discrete](#) > [LTST-C193TBKT-5A](#)

All prices are in US dollars.				
Digi-Key Part Number	160-1827-2-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 93,000 Can ship immediately	3,000	0.07200	216.00
		6,000	0.06480	388.80
Manufacturer	Lite-On Inc	15,000	0.05760	864.00
Manufacturer Part Number	LTST-C193TBKT-5A	30,000	0.05400	1,620.00
		75,000	0.04860	3,645.00
Description	LED BLUE 0603 SMD	150,000	0.04800	7,200.00
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			

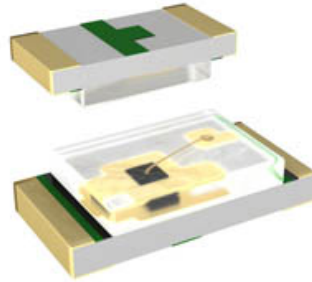


Image shown is a representation only.
Exact specifications should be obtained from the product data sheet.

Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	LTST-C193TBKT-5A
Product Photos	LTST-C193TBKT-5A
Standard Package	3,000
Category	Optoelectronics
Family	LED Indication - Discrete
Series	-
Packaging	Tape & Reel (TR)
Color	Blue
Wavelength - Dominant	470nm
Wavelength - Peak	468nm
Millicandela Rating	15mcd
Voltage - Forward (Vf) (Typ)	2.8V
Current - Test	5mA
Viewing Angle	130°
Lens Type	Clear
Lens Style/Size	Rectangle with Flat Top, 1.15mm x 0.8mm
Package / Case	0603 (1608 Metric)
Size / Dimension	1.60mm L x 0.80mm W
Height	0.35mm
Mounting Type	Surface Mount
Luminous Flux	

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
160-1827-1-ND	LTST-C193TBKT-5A	Cut Tape (CT)	93,797 - Immediate	0.49000	1
160-1827-6-ND	LTST-C193TBKT-5A	Digi-Reel®	93,797 - Immediate	Calculate	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

flux @ Current - Test	-
Dynamic Catalog	<u>Top View Rectangle with Flat Top 0603 Package Chip LEDs</u>
Other Names	160-1827-2 LTST-C193TBKT-5A-ND LTSTC193TBKT5A Q4442359

[Report an Error](#)

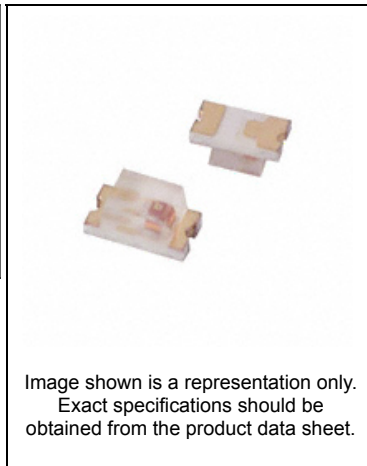
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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Optoelectronics](#) > [LED Indication - Discrete](#) > **LTST-C190GKT**

All prices are in US dollars.				
Digi-Key Part Number	160-1183-2-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 144,000	3,000	0.04761	142.83
	Can ship immediately	6,000	0.04140	248.40
Manufacturer	Lite-On Inc	15,000	0.03726	558.90
Manufacturer Part Number	LTST-C190GKT	30,000	0.03312	993.60
Description	LED GREEN CLEAR 0603 SMD	75,000	0.03002	2,251.13
		150,000	0.02795	4,191.75
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Quantity	Item Number	Customer Reference
<input type="text" value="3000"/>	<input type="text" value="160-1183-2-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	LTST-C190GKT
Product Photos	LTST-C190AKT , LTST-C190CKT , LTST-C190EKT , LTST-C190GKT , LTST-C190YKT
Catalog Drawings	LED 0603 Series LED 0603 Series Side
Standard Package	3,000
Category	Optoelectronics
Family	LED Indication - Discrete
Series	-
Packaging	Tape & Reel (TR)
Color	Green
Wavelength - Dominant	569nm
Wavelength - Peak	565nm
Millicandela Rating	6mcd
Voltage - Forward (Vf) (Typ)	2.1V
Current - Test	10mA
Viewing Angle	130°
Lens Type	Clear
Lens Style/Size	Rectangle with Flat Top, 1.1mm x 0.8mm
Package / Case	0603 (1608 Metric)

Alternate Package
This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
160-1183-1-ND	LTST-C190GKT	Cut Tape (CT)	159,471 - Immediate	0.29000	1
160-1183-6-ND	LTST-C190GKT	Digi-Reel®	159,471 - Immediate	Calculate	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

Size / Dimension	1.60mm L x 0.80mm W
Height	0.80mm
Mounting Type	Surface Mount
Luminous Flux @ Current - Test	-
Dynamic Catalog	Top View Rectangle with Flat Top 0603 Package Chip LEDs
Other Names	160-1183-2 LTSTC190GKT

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12:03:23 5/28/2014



Home Page (/store/em/EMController?action=home&langid=-1&storeid=500201&catalogid=500201) » Products » Lighting » LEDs » X LTST-C190CKT

[Email Page](#) [Print](#)

Part Details

Manufacturer Part #: LTST-C190CKT/BKN

Lite-On
 LED Uni-Color Red 660nm 2-Pin Chip LED T/R



(<http://optoelectronics.liteon.com/en-us/api/DwloadFileHandler.ashx?txtSpecNo=DS-22-98-0009&txtPartNo=LTST-C190CKT>)

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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : LTST-C190CKT/BKN MFR Lite-On Stock: 3,546 Stock Can ship immediately Average Factory Lead Time: Call for Delivery	Cut Tape	\$1-\$0.1603 10-\$0.0952 50-\$0.0683 100-\$0.0587 500-\$0.0487 1,000+-\$0.0471	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM
Americas 	Part # : LTST-C190CKT MFR Lite-On Stock: 24,000 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	\$6,000-\$0.0424 30,000-\$0.0384 60,000+-\$0.0375	<input type="text" value="6000"/> Min: 6000 Mult: 3000 Add to Cart Add to BOM

Part Details

Description	Value
Package	2Chip LED
Pin Count	2
Type	Uni-Color
Number of LEDs	1
Intensity	10 mcd
Dominant Wavelength/Color Temperature	638 nm
Peak Wavelength	660 nm
Color	Red
Lens Appearance	Colorless Non Diffu sed
Lens Shape Type	Rectangular
Viewing Angle	130 °
Mounting Orientation	Top Mount
Mounting	Surface Mount
Category	LEDs
Manufacturer	Lite-On

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Part Details

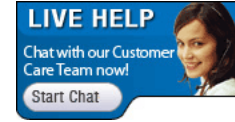
Manufacturer Part #: 88E1111-B2-BAB1C000

Marvell
 PHY 1-CH 10Mbps/100Mbps/1Gbps 117-Pin TFBGA

Avnet Part #: 88E1111-B2-BAB1C000
 ECCN: 5A991.B.1
 Schedule B: 8542.31.0000
 HTSN: 8542.31.0000
 Version: v13.0601



(<http://www.marvell.com/transceivers/assets/Marvell-Alaska-Ultra-88E1111-GbE.pdf>)

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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas	Part # : 88E1111-B2-BAB1C000 MFR: Marvell Stock: 7,499 Can ship immediately Stock On Order: 5868 Can ship 06/05/2014 3420 Can ship 07/17/2014 Average Factory Lead Time: 16 Week Factory Lead Time	Trays	Requires Quote Request a Quote (/store/em/RFQListDisplay?langId=-1&mode=add&catEntryId=3893075&qty=1) Mult: 1	<input type="button" value="Add to BOM"/> <input type="button" value="Add to BOM"/>
Global	View Inventory in All Regions			

Part Details

Description	Value
Package	117TFBGA
Standard Supported	10BASE-T 100BASE-TX 1000BASE-T IEEE 802.3 IEEE 802.3u IEEE 1149.1
Maximum Data Rate	1 Gbps
Number of Channels per Chip	1
Category	PHY
Manufacturer	Marvell

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Part Detail

(Sign In to add this part to your Project List)

Part Details		Pricing		Availability	Quantity
Manufacturer: 3M Electronic Solutions Division	Qty	Price	Ext Price	In Stock: 990	<input type="text"/>
TTI Part Number: 8F36-AAA105-1.00	1	\$10.22	\$10.22	Mfr Lead Time: 12 Weeks	Min: 1 Mult: 1
Mfr Part Number: 8F36-AAA105-1.00	10	\$9.10	\$91.00		
Description: 3M 3M HIGH ROUTABILITY INTERNAL M	50	\$8.85	\$442.50		
RoHS/Lead: Call TTI	100	\$8.58	\$858.00		
	More	Get Quote			

Technical Specifications

My Notes

Manufacturer: 3M

Check product attributes to find similar parts.



Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Circuit Protection](#) > [PTC Resettable Fuses](#) > [MINISMDC075F/24-2](#)

		All prices are in US dollars.		
Digi-Key Part Number	MINISMDC075F242TR-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 9,000 Can ship immediately	1,500	0.26887	403.31
		6,000	0.24955	1,497.30
Manufacturer	TE Connectivity	10,500	0.20930	2,197.65
Manufacturer Part Number	MINISMDC075F/24-2	25,500	0.20125	5,131.88
		51,000	0.19320	9,853.20
Description	POLYSWITCH RESET .75A 24V SMD TR			
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

Quantity	Item Number	Customer Reference	
<input type="text" value="1500"/>	<input type="text" value="MINISMDC075F242TR-ND"/>	<input type="text"/>	<input type="button" value="Add to Cart"/>

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	MINISMDC075F/24 Polyswitch Surface-mount Devices
Product Photos	MINISMDF 125-260 Series
Product Training Modules	Circuit Protection Products
Catalog Drawings	miniSMDF Series Top miniSMDF Series Footprint
Featured Product	SMD Series Circuit Protection
Standard Package	1,500
Category	Circuit Protection
Family	PTC Resettable Fuses
Series	PolySwitch, Raychem
Packaging	Tape & Reel (TR)
Voltage - Max	24V
Current - Max	40A
Current - Hold (Ih) (Max)	750mA
Current - Trip (It)	1.5A
R Min/Max	0.090 ~ 0.290 Ohm
Time to Trip	0.3s
Package / Case	1812 (4532 Metric), Concave
Dynamic Catalog	PolySwitch Surface Mount
Other Names	MINISMDC075F/24-2-ND MINISMDC075F/242 MINISMDC075F242 MINISMDC075F242TR RF1181-000 RF1231-000

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
MINISMDC075F242CT-ND	MINISMDC075F/24-2	Cut Tape (CT)	9,397 - Immediate	0.48000	1
MINISMDC075F242DKR-ND	MINISMDC075F/24-2	Digi-Reel®	9,397 - Immediate	Calculate	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.



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0734151471

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PURCHASE THIS PART

In Stock: **2,590**

Ships in: **1 day**

Date code: **1402+**

Price: **\$1.52**

Quantity

Increment: 1 | Minimum: 1

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\$ --.---

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PART INFORMATION

0734151471 PART DETAILS & PARAMETRIC

EU RoHS	Compliant
Type	MMCX
Gender	RCP
Termination Method	Solder
Body Orientation	Straight
Impedance (Ohm)	50
Mounting	Through Hole
Terminate To	PCB
Product Length (mm)	3.51
Product Depth (mm)	3.51
Product Height (mm)	4.42
Packaging	Bulk
Contact Material	Beryllium Copper
Contact Plating	Gold
Insulation Material	Polytetrafluoroethylene
Body Material	Brass
Body Plating	Gold
Taxonomy	Connector » Connector Other » Connector RF (/product/Connector+RF)

REPLACEMENTS & CROSS REFERENCES

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Part	Manufacturer	Description	Quantity	Price
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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Search Again](#)

[Product Index](#) > [Connectors, Interconnects](#) > [Pluggable Connectors](#) > **0757830132**

All prices are in US dollars.				
Digi-Key Part Number	WM1118TR-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 2,250 Can ship immediately	125	5.47368	684.21
		250	4.89752	1,224.38
Manufacturer	Molex Inc	625	4.60944	2,880.90
Manufacturer Part Number	0757830132	875	4.32135	3,781.18
Description	CONN RCPT 36POS IPASS RT ANG SMD	1,250	4.03326	5,041.58
		3,125	3.83160	11,973.74
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	6,250	3.74517	23,407.31

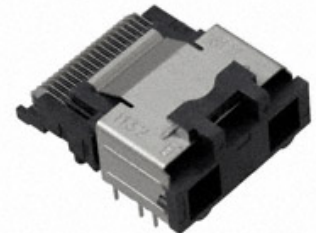


Image shown is a representation only.
Exact specifications should be obtained from the product data sheet.

Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	75783-0132
Product Photos	75783-0132
Product Training Modules	iPass
Catalog Drawings	75783 Series
Featured Product	iPass™ Interconnect System
3D Model	75783-0132.stp
Standard Package	125
Category	Connectors, Interconnects
Family	Pluggable Connectors
Series	iPass™ PCI Express 75783
Packaging	Tape & Reel (TR)
Connector Style	Receptacle
Connector Type	SAS, Mini
Number of Positions	36
Mounting Type	Surface Mount, Right Angle
Termination	Solder
Features	Board Guide
Contact Finish	Gold

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
WM1118CT-ND	0757830132	Cut Tape (CT)	2,301 - Immediate	7.61000	1

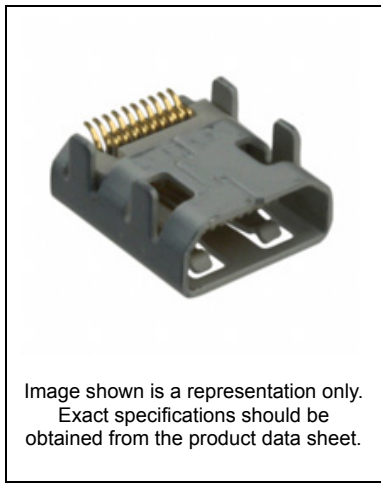
Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Connectors, Interconnects](#) > [USB, DVI, HDMI Connectors](#) > **0467651001**

All prices are in US dollars.				
Digi-Key Part Number	WM1282TR-ND	Price Break	Unit Price	Extended Price
Quantity Available	0 <input type="text" value="Enter Quantity Requested"/>	1,000	1.34370	1,343.70
		2,000	1.29891	2,597.82
Manufacturer	Molex Inc	3,000	1.25412	3,762.36
Manufacturer Part Number	0467651001	5,000	1.19141	5,957.07
Description	CONN RCPT HDMI MICRO TYPE-D R/A	10,000	1.16454	11,645.40
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Quantity	Item Number	Customer Reference
<input type="text" value="1000"/>	<input type="text" value="WM1282TR-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	467651001
Product Photos	467651001
Video File	High Definition Multimedia Interface (HDMI) Molex - Micro USB
RoHS Information	467651001 Cert of Compliance
Featured Product	HDMI* Micro (Type D) Connectors High Definition Multimedia Interface Connectors
3D Model	46765-1001.stp
Standard Package	1,000
Category	Connectors, Interconnects
Family	USB, DVI, HDMI Connectors
Series	-
Packaging	Tape & Reel (TR)
Connector Type	HDMI - Micro
Number of Contacts	19

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
WM1282CT-ND	0467651001	Cut Tape (CT)	91 - Immediate	2.66000	1
WM1282DKR-ND	0467651001	Digi-Reel®	91 - Immediate	Calculate	1

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

Molex - Micro USB




Part Details
**Manufacturer Part #:
N25Q256A11EF840E**

Micron
 NOR Flash Serial-SPI 1.8V 256Mbit 256M/128M/64M x 1bit/2bit/4bit
 8ns 8-Pin DFN EP Tray

Avnet Part #: N25Q256A11EF840E
 ECCN: 3A991
 Schedule B: 8542.32.0050
 HTSN: 8542.32.0050
 UNSPSC: 32101647
 Version: v13.0601



(<http://www.micron.com/~media/Documents/Products/Data%20Sheet/NOR%20Flash/Serial%20NOR/>)

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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas 	Part # : N25Q256A11EF840E	Trays	1-\$4.3296	<input type="text" value="1"/> Add to Cart
	MFR Micron		10-\$3.2234	Min: 1 Mult: 1 Add to BOM
	Stock: 1,833 Can ship immediately		50-\$2.8908	
	Stock On Order: 1920 Can ship 08/01/2014		100-\$2.8235	
	1920 Can ship 09/19/2014		500-\$2.5463	
Average Factory Lead Time: Call for Delivery			1,000+-\$2.5027	

Part Details

Description	Value
Package	8DFN EP
Cell Type	NOR
Density	256 Mb
Architecture	Sectored
Block Organization	Symmetrical
Location Of Boot Block	Bottom Top
Typical Operating Supply Voltage	1.8 V
Sector Size	64Kbyte x 512
Timing Type	Synchronous
Operating Temperature	-40 to 85 °C
Address Bus Width	1 Bit
Interface Type	Serial-SPI
Page Size	256 byte
Category	Flash
Manufacturer	Micron

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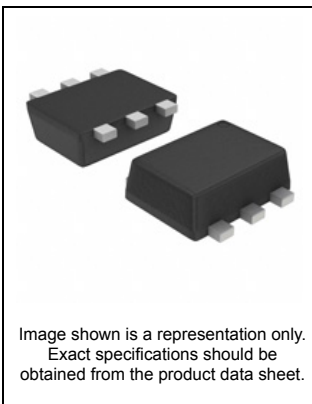
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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Circuit Protection](#) > [TVS - Diodes](#) > **NUP4114UPXV6T1G**

All prices are in US dollars.				
Digi-Key Part Number	NUP4114UPXV6T1GOSTR-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 8,000	4,000	0.18600	744.00
	Can ship immediately	8,000	0.17400	1,392.00
Manufacturer	ON Semiconductor	12,000	0.16200	1,944.00
		28,000	0.15360	4,300.80
Manufacturer Part Number	NUP4114UPXV6T1G	100,000	0.14760	14,760.00
Description	TVS DIODE 5.5VWM 10VC SOT563	200,000	0.14400	28,800.00
Lead Free Status / RoHS Status	Lead free / RoHS Compliant			



Quantity	Item Number	Customer Reference
<input type="text" value="4000"/>	<input type="text" value="NUP4114UPXV6T1GOSTR-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	NUP4114 Series
Product Photos	SOT-563-6 463A
PCN Design/Specification	Wire Bond 01/Dec/2010
Standard Package	4,000
Category	Circuit Protection
Family	TVS - Diodes
Series	-
Packaging	Tape & Reel (TR)
Type	Steering (Rail to Rail)
Unidirectional Channels	-
Bidirectional Channels	4
Voltage - Reverse Standoff (Typ)	5.5V (Max)
Voltage - Breakdown (Min)	5.5V
Voltage - Clamping (Max) @ Ipp	10V
Current - Peak Pulse (10/1000µs)	12A (8/20µs)
Power - Peak Pulse	-
Power Line Protection	Yes
Applications	General Purpose
Capacitance @ Frequency	0.6pF @ 1MHz
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	SOT-563, SOT-666
Supplier Device Package	SOT-563
Dynamic Catalog	NUP4x Series
Other Names	NUP4114UPXV6T1G-ND NUP4114UPXV6T1GOSTR

Alternate Package						
This part is also available in the following packaging:						
Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity	
NUP4114UPXV6T1GOSCT-ND	NUP4114UPXV6T1G	Cut Tape (CT)	9,997 - Immediate	0.59000	1	
NUP4114UPXV6T1GOSDKR-ND	NUP4114UPXV6T1G	Digi-Reel®	9,997 - Immediate	Calculate	1	

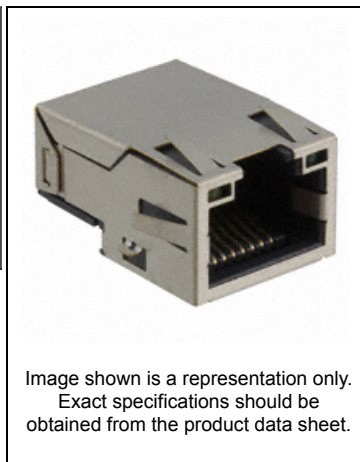
Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.

Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Connectors, Interconnects](#) > [Modular Connectors - Jacks With Magnetics](#) > **749811120R**

All prices are in US dollars.			
Digi-Key Part Number	732-4502-1-ND	Price Break	Unit Price Extended Price
Quantity Available	<input type="text" value="0"/> <input type="button" value="Enter Quantity Requested"/>	1	13.78000 13.78
Manufacturer	Wurth Electronics Inc	10	13.30000 133.00
Manufacturer Part Number	749811120R	50	12.35000 617.50
Description	CONN MAGJACK 1PORT 1000 BASE-T		
Lead Free Status / RoHS Status	Lead free / RoHS Compliant		



Quantity Item Number Customer Reference

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	749811120R Drawing
Product Photos	WE-LAN
Featured Product	WE-RJ45LAN RJ45 Jacks with Integrated Magnetics
3D Model	749811120R.igs 749811120R.stp 749811120R.wrl
Standard Package	1
Category	Connectors, Interconnects
Family	Modular Connectors - Jacks With Magnetics
Series	WE-LAN
Packaging	Cut Tape (CT)
Connector Type	RJ45
Number of Ports	1
Number of Rows	1
Applications	10/100/1000 Base-T, AutoMDIX
Mounting Type	Board Edge, Cutout; Surface Mount
Orientation	90° Angle (Right)
Termination	Solder
Height Above Board	0.350" (8.89mm)
LED Color	Yellow - Green

Alternate Package

This part is also available in the following packaging:

Digi-Key Part Number	Manufacturer Part Number	Packaging	Quantity Available	Unit Price	Minimum Quantity
732-4502-6-ND	749811120R	Digi-Reel®	0	Calculate	1
732-4502-2-ND	749811120R	Tape & Reel (TR)	0	11.40000	100

Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.



Part Details

Manufacturer Part #: TXB0104RUTR/BKN

Texas Instruments
Voltage Level Translator 12-Pin UQFN EP T/R

Avnet Part #: TXB0104RUTR
 ECCN: EAR99
 Schedule B: 8542.39.0000
 HTSN: 8542.39.0000
 Version: v13.0601



(<http://focus.ti.com/lit/ds/symlink/txb0104.pdf>)

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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas 	Part # : TXB0104RUTR/BKN MFR Texas Instruments Stock: 2,367 Stock Can ship immediately Average Factory Lead Time: 12 Week Factory Lead Time	Cut Tape	1-\$1.4711 10-\$0.9398 50-\$0.8270 100-\$0.7788 500-\$0.7258 1,000+-\$0.6896	<input type="text" value="1"/> Min: 1 Mult: 1	Add to Cart Add to BOM
Americas 	Part # : TXB0104RUTR MFR Texas Instruments Stock: No Stock Stock On Order: 219000 Can ship 07/28/2014 60000 Can ship 08/18/2014 Average Factory Lead Time: 12 Week Factory Lead Time	Tape & Reel	3,000-\$0.6832 15,000-\$0.6523 30,000+-\$0.6458	<input type="text" value="3000"/> Min: 3000 Mult: 3000	Add to Cart Add to BOM

Part Details

Description	Value
Package	12UQFN EP
Logic Function	Voltage Level Translator
Output Type	3-State
Operating Supply Voltage	1.8 1.8/2.5 1.8/3.3 1.8/5 2.5 2.5/3.3 2.5/5 3.3 3.3/5 V
Maximum Low Level Output Current	0.02 mA
Maximum High Level Output Current	-0.02 mA
Maximum Propagation Delay Time @ Maximum CL	7.4(Typ)@1.2V@1.8V ns
Maximum Quiescent Current	0.0035(Typ) mA
Category	Level Translator
Manufacturer	Texas Instruments

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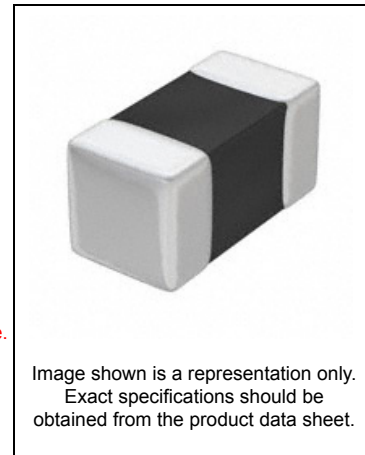
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Keywords:

- In stock
- Lead free
- RoHS Compliant

[Product Index](#) > [Capacitors](#) > [Ceramic Capacitors](#) > [JMK063BJ224MP-F](#)

All prices are in US dollars.				
Digi-Key Part Number	587-1819-6-ND	Price Break	Unit Price	Extended Price
Quantity Available	Digi-Key Stock: 19,587	1	0.16000	0.16
	Can ship immediately	10	0.11000	1.10
Manufacturer	Taiyo Yuden	50	0.06320	3.16
Manufacturer Part Number	JMK063BJ224MP-F	100	0.05230	5.23
		250	0.04400	11.00
Description	CAP CER 0.22UF 6.3V 20% X5R 0201	500	0.03686	18.43
		1,000	0.03025	30.25
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	5,000	0.02558	127.88



A \$7.00 reeling fee will be applied to each reel ordered. Digi-Reels are a custom product and are non-cancelable and non-returnable.

Digi-Reel Pricing		
Quantity	Unit Price USD	Extended Price USD
<input type="text"/>		
<input type="button" value="Calculate Price"/>		

Quantity	Item Number	Customer Reference
<input type="text" value="1"/>	<input type="text" value="587-1819-6-ND"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

When requested quantity exceeds displayed pricing table quantities, a lesser unit price may appear on your order. You may submit a [request for quotation](#) on quantities which are greater than those displayed in the pricing table.

Datasheets	JMK063BJ224MP-F Multilayer Ceramic Cap Datasheet	Possible Substitute	<ul style="list-style-type: none"> 587-2483-6-ND
Product Photos	0201 (MK063)	Alternate Package This part is also available in the following packaging:	
Catalog Drawings	xMK Series_0201	Digi-Key Part Number	Manufacturer Part Number
PCN Part Number	X5R, X7R Dielectrics 23/Jan/2008	587-1819-2-ND	JMK063BJ224MP-F
Standard Package	1	587-1819-1-ND	JMK063BJ224MP-F
Category	Capacitors	Packaging	Quantity Available
Family	Ceramic Capacitors	Tape & Reel (TR) ?	15,000 - Immediate
Series	M	Cut Tape (CT) ?	19,983 - Immediate
Packaging	Digi-Reel® ?	Unit Price	Minimum Quantity
Capacitance	0.22µF	0.02090	15,000
Voltage - Rated	6.3V	0.16000	1
Tolerance	±20%	Tape & Reel, Cut Tape and Digi-Reels are all derived from the same manufacturer's part number. Inventory from Tape & Reel is used to fulfill Cut Tape and Digi-Reel orders and will impact the total quantity available.	
Temperature Coefficient	X5R		
Mounting Type	Surface Mount, MLCC		
Operating Temperature	-55°C ~ 85°C		
Applications	General Purpose		
Ratings	-		

Package / Case	0201 (0603 Metric)
Size / Dimension	0.024" L x 0.012" W (0.60mm x 0.30mm)
Height - Seated (Max)	-
Thickness (Max)	0.013" (0.33mm)
Lead Spacing	-
Features	-
Lead Style	-
Dynamic Catalog	M Series
Other Names	587-1819-6

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11:02:27 5/28/2014

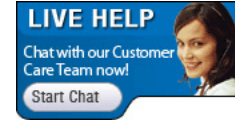

Part Details
Manufacturer Part #: UMK105BJ224KV-F/BKN

TAIYO YUDEN
 Cap Ceramic 0.22uF 50V X5R 10% SMD 0402 85°C Paper T/R

Avnet Part #: UMK105BJ224KV-F
 ECCN: EAR99
 Schedule B: 8532.24.0020
 HTSN: 8532.24.0020

TAIYO YUDEN


(<http://www.yuden.co.jp/ut/product/category/capacitor/putpdf/UMK105BJ224KV-F.pdf>)

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Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty
Americas	Part # : UMK105BJ224KV-F/BKN MFR TAIYO YUDEN Stock: 3,450 Stock Can ship immediately Average Factory Lead Time: 5 Week Factory Lead Time	Cut Tape	1-\$0.1453 10-\$0.0770 50-\$0.0477 100-\$0.0411 500-\$0.0298 1,000+-\$0.0281	<input type="text" value="1"/> Min: 1 Mult: 1 Add to Cart Add to BOM
Americas	Part # : UMK105BJ224KV-F MFR TAIYO YUDEN Stock: 50,000 Stock Can ship immediately Average Factory Lead Time: 5 Week Factory Lead Time	Tape & Reel	10,000-\$0.0231 50,000-\$0.0187 100,000+-\$0.0184	<input type="text" value="10000"/> Min: 10000 Mult: 10000 Add to Cart Add to BOM

Part Details

Description	Value
Mounting	Surface Mount
Capacitance Value	0.22 uF
Voltage	50 Vdc
Tolerance	10 %
Dielectric	X5R
Operating Temperature	-55 to 85 °C
Construction	Flat
Termination Style	Wraparound
Product Length	1 mm
Product Height	0.5 mm
Category	Capacitor Ceramic M ultilayer
Manufacturer	TAIYO YUDEN

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