

HOME (/STORE/EM/EMCONTROLLER?LANGID=-1&STOREID=500201&CATALOGID=500201&ACTION=HOME) | PRODUCTS | DESIGN (/WWW.EM.AVNETASIA.COM/PAGESVIEW.ASPX?PAGESID=30&MASTERPAGEID=18) | SERVICES (/WWW.EM.AVNETASIA.COM/PAGESVIEW.ASPX?PAGESID=18&MASTERPAGEID=18) | BOM UPLOAD (/STORE/EM/BOMUPLOADCONTROLLERCMD?ACTION=BOMHOME&CATALOGID=500201&LANGID=-1&STOREID=500201)



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

Home Page (/store/em/EMController?action=home&langId=-1&storeId=500201&catalogId=500201) » Products » Discrete » Transistor » MOSFET » X DMG1012T-7

Part Details

Manufacturer Part #: DMG1012T-7

Diodes, Inc
Trans MOSFET N-CH 20V 0.63A 3-Pin SOT-523 T/R

Avnet Part #: DMG1012T-7
ECCN: EAR99
Schedule B: 8541.10.0050
HTSN: 8541.10.0050
UNSPSC: 32111612
Version: v13.0601



<http://www.diodes.com/datasheets/ds31783.pdf>

[Compare](#)

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

LIVE HELP
在线客服
Start Chat 开始

Region	Qty Available/ Ships In	Packaging	Price (USD)	Qty	
Americas 	Part # : DMG1012T-7	Tape & Reel	3,000-\$0.0323	<input type="text" value="3000"/>	Add to Cart
	MFR Diodes, Inc		15,000-\$0.0301	Min: 3000 Mult: 3000	Add to BOM
	Stock: 366,000 Can ship immediately		30,000+-\$0.0286		
	Average Factory Lead Time: 8 Week				
Americas 	Part # : DMG1012T-7	Tape & Reel	3,000-\$0.0323	*Special Quantity <input type="text" value="3000"/>	Add to Cart
	MFR Diodes, Inc		15,000-\$0.0301	Min:3000 Mult:3000	Add to BOM
	Stock: 366,000 Can ship immediately		30,000+-\$0.0286		
	Average Factory Lead Time: 8 Week				
Americas 	Part # : DMG1012T-7/BKN	Cut Tape	1-\$0.1201	<input type="text" value="1"/>	Add to Cart
	MFR Diodes, Inc		10-\$0.0769	Min: 1 Mult: 1	Add to BOM

Stock: 3,236 Stock Can ship immediately	50-\$0.0523
Average	100-\$0.0464
Factory 8 Week	500-\$0.0361
Lead Time: Factory Lead Time	1,000+-\$0.0351

Part Details

Description	Value
Package	3SOT-523
Channel Mode	Enhancement
Maximum Drain Source Voltage	20 V
Maximum Continuous Drain Current	0.63 A
RDS-on	400@4.5V mOhm
Maximum Gate Source Voltage	±6 V
Typical Turn-On Delay Time	5.1 ns
Typical Rise Time	7.4 ns
Typical Turn-Off Delay Time	26.7 ns
Typical Fall Time	12.3 ns
Operating Temperature	-55 to 150 °C
Mounting	Surface Mount
Category	MOSFET
Manufacturer	Diodes, Inc

Find Similar Parts

[Search](#)

[back to top](#)

