


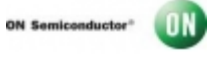


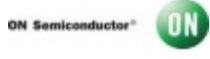

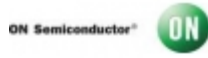


 <b>Wolfspeed.</b> A CREE COMPANY	<b>CAS300M12BM2</b>
	<b>Manufacturer Part Number:</b> <a href="#">CAS300M12BM2</a>
	<b>Manufacturer/Brand:</b> <a href="#">Cree Wolfspeed</a>
	<b>Part of Description:</b> MOSFET 2N-CH 1200V 404A MODULE
Image may be representation. See specs for product details.	<b>Datasheets:</b>  <a href="#">CAS300M12BM2.pdf</a>
	<b>RoHS Status:</b>  Lead free / RoHS
	<b>Stock Condition:</b> Compliant New original, 3092 pcs Stock Available.
	<b>Ship From:</b> Hong Kong
	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

**Specifications**

Part Number	<a href="#">CAS300M12BM2</a>
Manufacturer	<a href="#">Cree Wolfspeed</a>
Description	MOSFET 2N-CH 1200V 404A MODULE
Category	<a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs,</a>
Part Status	3092 pcs Stock
Vgs(th) (Max) @ Id	2.3V @ 15mA (Typ)
Supplier Device Package	Module
Series	Z-FET™
Rds On (Max) @ Id, Vgs	5.7 mOhm @ 300A, 20V
Power - Max	1660W
Packaging	Bulk
Package / Case	Module, Screw Terminals
Operating Temperature	150°C (TJ)
Mounting Type	Chassis Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	52 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	11700pF @ 600V
Gate Charge (Qg) (Max) @ Vgs	1025nC @ 20V
FET Type	2 N-Channel (Half Bridge)
FET Feature	Silicon Carbide (SiC)
Drain to Source Voltage (Vdss)	1200V (1.2kV)
Detailed Description	Mosfet Array 2 N-Channel (Half Bridge) 1200V (1.2kV)
Current - Continuous Drain (Id) @ 25°C	423A (Tc)

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In:

  <b>CAS24S128C4ATR</b> ON Semiconductor IC MEM EEPROM 128KB 12C SOT563	  <b>CAS300M12BM2</b> Cree/Wolfspeed MOSFET 2N-CH 1200V 404A MODULE	 Not Actual Photo YIC International Co., Limited.  <b>CAS25-NP</b> LEM IGBT Modules	  <b>CAS24S128C4ATR IC</b> ON ON BGA
  <b>CAS300M17BM2</b> Cree Wolfspeed MOSFET 2N-CH 1700V 325A MODULE	  <b>CAS24F64C4BTR</b> ON CAS24F64C4BTR ON	  <b>CAS325M12HM2</b> Cree Wolfspeed MOSFET 2N-CH 1200V 444A MODULE	  <b>CAS24S128C4NTR</b> ON ON WLCSP

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ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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