





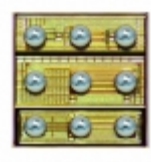


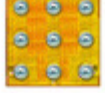
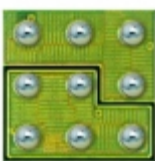

	<p>EPC2107</p>
	<p>Manufacturer Part Number: EPC2107</p> <hr/> <p>Manufacturer/Brand: EPC</p> <hr/> <p>Part of Description: MOSFET 3 N-CH 100V 9BGA</p> <hr/> <p>Datasheets:  EPC2107.pdf</p> <hr/> <p>RoHS Status:  Lead free / RoHS</p> <hr/> <p>Stock Condition: Compliant New original, Stock Available.</p> <hr/> <p>Ship From: Hong Kong</p> <hr/> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
	
	
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	EPC2107
Manufacturer	EPC
Description	MOSFET 3 N-CH 100V 9BGA
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.5V @ 100µA, 2.5V @ 20µA
Supplier Device Package	9-BGA (1.35x1.35)
Series	eGaN®
Rds On (Max) @ Id, Vgs	320 mOhm @ 2A, 5V, 3.3 Ohm @ 2A, 5V
Power - Max	-
Packaging	Tape & Reel (TR)
Package / Case	9-VFBGA
Other Names	917-1168-2
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	14 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	16pF @ 50V, 7pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	0.16nC @ 5V, 0.044nC @ 5V
FET Type	3 N-Channel (Half Bridge + Synchronous Bootstrap)
FET Feature	GaNFET (Gallium Nitride)
Drain to Source Voltage (Vdss)	100V
Detailed Description	Mosfet Array 3 N-Channel (Half Bridge + Synchronous
Current - Continuous Drain (Id) @ 25°C	1.7A, 500mA

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