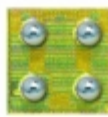
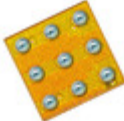
	EPC2039
	Manufacturer Part Number: EPC2039 Manufacturer/Brand: EPC Part of Description: TRANS GAN 80V BUMPED DIE Datasheets:  EPC2039.pdf RoHs Status:  Lead free / RoHS Stock Condition: Compliant New original, 15469 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	EPC2039
Manufacturer	EPC
Description	TRANS GAN 80V BUMPED DIE
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	15469 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 2mA
Vgs (Max)	+6V, -4V
Technology	GaNFET (Gallium Nitride)
Supplier Device Package	Die
Series	eGaN®
Rds On (Max) @ Id, Vgs	25 mOhm @ 6A, 5V
Power Dissipation (Max)	-
Packaging	Tape & Reel (TR)
Package / Case	Die
Other Names	917-1147-2
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	210pF @ 40V
Gate Charge (Qg) (Max) @ Vgs	2.4nC @ 5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	5V
Drain to Source Voltage (Vdss)	80V
Detailed Description	N-Channel 80V 6.8A (Ta) Surface Mount Die
Current - Continuous Drain (Id) @ 25°C	6.8A (Ta)

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In:  EPC2040ENGR EPC TRANS GAN 25V BUMPED DIE	 EPC2037ENGR EPC TRANS GAN 100V BUMPED DIE	 EPC2038ENGR EPC TRANS GAN 100V 0.5A BUMPED DIE	 EPC2040ENGR EPC TRANS GAN 15V BUMPED DIE
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