

  	EPC2037
	Manufacturer Part Number: EPC2037 Manufacturer/Brand: EPC Part of Description: TRANS GAN 100V 550MOHM BUMPED DI Datasheets:  EPC2037.pdf RoHs Status:  Lead free / RoHS Stock Condition: Compliant New original, Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS

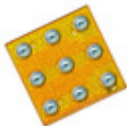
Specifications

Part Number	EPC2037
Manufacturer	EPC
Description	TRANS GAN 100V 550MOHM BUMPED DI
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.5V @ 80μA
Vgs (Max)	+6V, -4V
Technology	GaNFET (Gallium Nitride)
Supplier Device Package	Die
Series	eGaN®
Rds On (Max) @ Id, Vgs	550 mOhm @ 100mA, 5V
Power Dissipation (Max)	-
Packaging	Original-Reel®
Package / Case	Die
Other Names	917-1137-6
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	14pF @ 50V
Gate Charge (Qg) (Max) @ Vgs	0.12nC @ 5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	5V
Drain to Source Voltage (Vdss)	100V
Detailed Description	N-Channel 100V 1.7A (Ta) Surface Mount Die
Current - Continuous Drain (Id) @ 25°C	1.7A (Ta)

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