




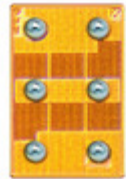

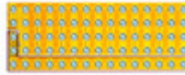

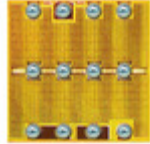
 Not Actual Photo YIC International Co., Limited.	EPC2049ENGRT
	Manufacturer Part Number: EPC2049ENGRT <hr/> Manufacturer/Brand: EPC <hr/> Part of Description: TRANS GAN 40V BUMPED DIE <hr/> Datasheets:  EPC2049ENGRT.pdf <hr/> RoHS Status:  Lead free / RoHS <hr/> Stock Condition: Compliant New original, 2648 pcs Stock Available. <hr/> Ship From: Hong Kong <hr/> Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications

Part Number	EPC2049ENGRT
Manufacturer	EPC
Description	TRANS GAN 40V BUMPED DIE
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2648 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 6mA
Vgs (Max)	+6V, -4V
Technology	GaNFET (Gallium Nitride)
Supplier Device Package	Die
Series	eGaN®
Rds On (Max) @ Id, Vgs	5 mOhm @ 15A, 5V
Power Dissipation (Max)	-
Packaging	Tape & Reel (TR)
Package / Case	Die
Other Names	917-EPC2049ENGRTR
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	805pF @ 20V
Gate Charge (Qg) (Max) @ Vgs	7.6nC @ 5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	5V
Drain to Source Voltage (Vdss)	40V
Detailed Description	N-Channel 40V 16A (Ta) Surface Mount Die
Current - Continuous Drain (Id) @ 25°C	16A (Ta)

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