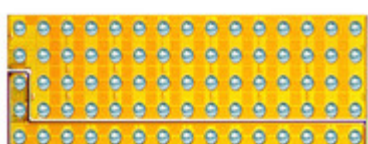



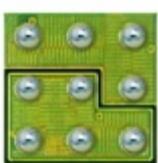

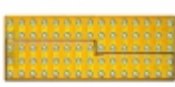
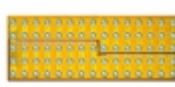



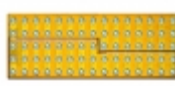
	EPC2105
	Manufacturer Part Number: EPC2105
	Manufacturer/Brand: EPC
	Part of Description: TRANS GAN ASYMMETRICAL HALF BRID
	Datasheets:  EPC2105.pdf
	RoHs Status:  Lead free / RoHS
Stock Condition: Compliant New original, Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	EPC2105
Manufacturer	EPC
Description	TRANS GAN ASYMMETRICAL HALF BRID
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.5V @ 2.5mA, 2.5V @ 10mA
Supplier Device Package	Die
Series	eGaN®
Rds On (Max) @ Id, Vgs	14.5 mOhm @ 20A, 5V, 3.4 mOhm @ 20A, 5V
Power - Max	-
Packaging	Original-Reel®
Package / Case	Die
Other Names	917-1185-6
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	300pF @ 40V, 1100pF @ 40V
Gate Charge (Qg) (Max) @ Vgs	2.5nC @ 5V, 10nC @ 5V
FET Type	2 N-Channel (Half Bridge)
FET Feature	GaNFET (Gallium Nitride)
Drain to Source Voltage (Vdss)	80V
Detailed Description	Mosfet Array 2 N-Channel (Half Bridge) 80V 9.5A, 38A
Current - Continuous Drain (Id) @ 25°C	9.5A, 38A

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