









	<p>EPC2818</p>
	<p>Manufacturer Part Number: EPC2818</p> <hr/> <p>Manufacturer/Brand: EPC</p> <hr/> <p>Part of Description: TRANS GAN 150V 12A BUMPED DIE</p> <hr/> <p>Datasheets:  EPC2818.pdf</p> <hr/> <p>RoHs Status: Contains lead / RoHS non-compliant</p> <hr/> <p>Stock Condition: 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	EPC2818
Manufacturer	EPC
Description	TRANS GAN 150V 12A BUMPED DIE
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2.5V @ 3mA
Vgs (Max)	+6V, -5V
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
Operating Temperature	-40°C ~ 125°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	540pF @ 100V
Gate Charge (Qg) (Max) @ Vgs	7.5nC @ 5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	5V
Drain to Source Voltage (Vdss)	150V
Current - Continuous Drain (Id) @ 25°C	12A (Ta)

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