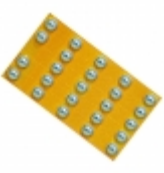


 	EPC2031ENGR
	Manufacturer Part Number: EPC2031ENGR Manufacturer/Brand: EPC Part of Description: TRANS GAN 60V 31A BUMPED DIE Datasheets:  EPC2031ENGR.pdf RoHs Status:  Lead free / RoHS Stock Condition: Compliant New original, 2645 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications	
Part Number	EPC2031ENGR
Manufacturer	EPC
Description	TRANS GAN 60V 31A BUMPED DIE
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2645 pcs Stock
Vgs(th) (Max) @ Id	2.5V @ 15mA
Vgs (Max)	+6V, -4V
Technology	GaNFET (Gallium Nitride)
Supplier Device Package	Die
Series	eGaN®
Rds On (Max) @ Id, Vgs	2.6 mOhm @ 30A, 5V
Power Dissipation (Max)	-
Packaging	Tray
Package / Case	Die
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	1800pF @ 300V
Gate Charge (Qg) (Max) @ Vgs	17nC @ 5V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	5V
Drain to Source Voltage (Vdss)	60V
Current - Continuous Drain (Id) @ 25°C	31A (Ta)

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