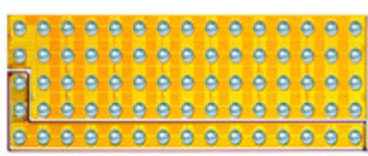






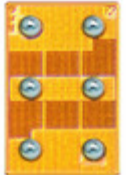





	<b>EPC2100</b>
	<b>Manufacturer Part Number:</b> EPC2100
	<b>Manufacturer/Brand:</b> EPC
	<b>Part of Description:</b> TRANS GAN ASYMMETRICAL HALF BRID
	<b>Datasheets:</b> <ul style="list-style-type: none"> <li> <a href="#">1.EPC2100.pdf</a></li> <li> <a href="#">2.EPC2100.pdf</a></li> </ul>
	<b>RoHS Status:</b>  Lead free / RoHS
<b>Stock Condition:</b> Compliant New original, Stock Available.	<b>Ship From:</b> Hong Kong
<b>Image may be representation. See specs for product details.</b>	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

### Specifications

Part Number	EPC2100
Manufacturer	EPC
Description	TRANS GAN ASYMMETRICAL HALF BRID
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	2.5V @ 4mA, 2.5V @ 16mA
Supplier Device Package	Die
Series	eGaN®
Rds On (Max) @ Id, Vgs	8.2 mOhm @ 25A, 5V, 2.1 mOhm @ 25A, 5V
Power - Max	-
Packaging	Tape & Reel (TR)
Package / Case	Die
Other Names	917-1180-2
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	475pF @ 15V, 1960pF @ 15V
Gate Charge (Qg) (Max) @ Vgs	4.9nC @ 15V, 19nC @ 15V
FET Type	2 N-Channel (Half Bridge)
FET Feature	GaNFET (Gallium Nitride)
Drain to Source Voltage (Vdss)	30V
Detailed Description	Mosfet Array 2 N-Channel (Half Bridge) 30V 10A (Ta),
Current - Continuous Drain (Id) @ 25°C	10A (Ta), 40A (Ta)

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