



### SID1182K

Manufacturer Part Number:	SID1182K
Manufacturer / Brand:	Power Integrations
Part of Description:	DGTL ISO 5KV GATE DRVR ESOP-R16B
Datasheets:	<a href="#">SID1182K.pdf</a>
Lead Free Status / RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	New original, 1000 pcs Stock Available.
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS

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### The specifications of SID1182K

Part Number	SID1182K	Manufacturer / Brand	Power Integrations
Series	SCALE-iDriver™	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Package / Case	16-PowerSOIC (0.350", 8.89mm Width), 15 Leads	Packaging	Tube
Mounting Type	Surface Mount	Supplier Device Package	eSOP-R16B
Operating Temperature	-40°C ~ 125°C	Detailed Description	8A Gate Driver Magnetic Coupling 5000Vrms 1 Channel eSOP-R16B
Technology	Magnetic Coupling	Number of Channels	1
Voltage - Supply	4.75 V ~ 5.25 V	Voltage - Isolation	5000Vrms
Current - Peak Output	8A	Current - Output High, Low	3.6A, 4A
Rise / Fall Time (Typ)	90ns, 81ns	Common Mode Transient Immunity (Min)	-
Propagation Delay tpLH / tpHL (Max)	340ns, 330ns	Pulse Width Distortion (Max)	-
Voltage - Forward (Vf) (Typ)	-	Other Names	1810-1071
Stock Quantity	1000 pcs Stock	Category	<a href="#">Isolators &gt; Isolators - Gate Drivers</a>
Description	DGTL ISO 5KV GATE DRVR ESOP-R16B	Lead Free Status / RoHS Status	Lead free / RoHS Compliant

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