



Power Integrations

## 2SD315AI UL

Part Number:	2SD315AI UL
Manufacturer/Brand:	Power Integrations
Product description:	IC DUAL GATE DRIVER 18A
Datasheets:	<a href="#">PDF 1.2SD315AI UL.pdf</a> <a href="#">PDF 2.2SD315AI UL.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	742 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of 2SD315AI UL

PART NUMBER	2SD315AI UL
MANUFACTURER	Power Integrations
DESCRIPTION	IC DUAL GATE DRIVER 18A
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	742 pcs
DATA SHEET	<a href="#">PDF 1.2SD315AI UL.pdf</a> <a href="#">PDF 2.2SD315AI UL.pdf</a>
VOLTAGE - SUPPLY	15V
SUPPLIER DEVICE PACKAGE	Module
SERIES	SCALE™-1
RISE / FALL TIME (TYP)	-
PACKAGING	Tray
PACKAGE / CASE	Module
OTHER NAMES	1810-1001
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF DRIVERS	2
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LOGIC VOLTAGE - VIL, VIH	-
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	-
GATE TYPE	IGBT, N-Channel, P-Channel MOSFET
DRIVEN CONFIGURATION	Half-Bridge
DETAILED DESCRIPTION	Half-Bridge Gate Driver IC Module
CURRENT - PEAK OUTPUT (SOURCE, SINK)	18A, 18A
CHANNEL TYPE	-

### Related Tags

Power Integrations 2SD315AI UL	2SD315AI UL Distributor	2SD315AI UL Supplier
2SD315AI UL Price	2SD315AI UL Pictures	2SD315AI UL Image
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### Related Products

<p><b>2SD571(1)-T(ND)-AZ</b>                  Manufacturers: Renesas Electronics America                  Description: TRANSISTOR                  In stock: 3970 pcs  <a href="#">RFQ</a></p>	<p><b>2SD2707T2LV</b>                  Manufacturers: LAPIS Semiconductor                  Description: TRANS NPN 50V 0.15A VMT3                  In stock: 875362 pcs  <a href="#">RFQ</a></p>
<p><b>2SD315AI-33</b>                  Manufacturers: Power Integrations                  Description: IGBT DVR CORE 3300V                  In stock: 422 pcs  <a href="#">RFQ</a></p>	<p><b>2SD300C17A3</b>                  Manufacturers: Power Integrations                  Description: IC DUAL GATE DRIVER 30A                  In stock: 732 pcs  <a href="#">RFQ</a></p>
<p><b>2SD300C17A4</b>                  Manufacturers: Power Integrations                  Description: GATE DRIVER CORE SCALE-2 1700V                  In stock: 855 pcs  <a href="#">RFQ</a></p>	<p><b>2SD315AI-25</b>                  Manufacturers: Power Integrations                  Description: IGBT DVR CORE 2500V                  In stock: 4199 pcs  <a href="#">RFQ</a></p>
<p><b>2SD315AI</b>                  Manufacturers: Power Integrations                  Description: GATE DRIVER CORE SCALE-1 1700V                  In stock: 1466 pcs  <a href="#">RFQ</a></p>	<p><b>2SD300C17A2</b>                  Manufacturers: Power Integrations                  Description: IC DUAL GATE DRIVER 30A                  In stock: 828 pcs  <a href="#">RFQ</a></p>
<p><b>2SD316EI-17</b>                  Manufacturers: Power Integrations                  Description: GATE DVR P&amp;P SCALE-1                  In stock: 542 pcs  <a href="#">RFQ</a></p>	<p><b>2SD882</b>                  Manufacturers: STMicroelectronics                  Description: TRANS NPN 30V 3A SOT32 TO-126                  In stock: 107473 pcs  <a href="#">RFQ</a></p>
<p><b>2SD300C17A1</b>                  Manufacturers: Power Integrations                  Description: GATE DRIVER CORE SCALE-2 1700V                  In stock: 871 pcs  <a href="#">RFQ</a></p>	<p><b>2SD316EI-12</b>                  Manufacturers: Power Integrations                  Description: GATE DVR P&amp;P SCALE-1                  In stock: 585 pcs  <a href="#">RFQ</a></p>

