

2SD315AI-25



**Part Number:** 2SD315AI-25

**Manufacturer:** Power Integrations

**Description:** IGBT DVR CORE 2500V

**Data sheet:**  2SD315AI-25  
 SCALE-1 Manual

**RoHs Status:** Lead free / RoHS Compliant

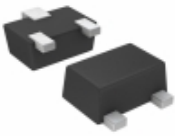
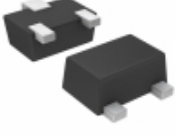
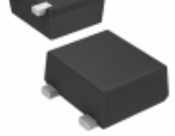
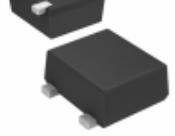
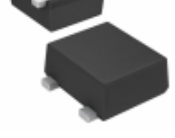
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy 2SD315AI-25 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                             |                                           |                                |                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|---------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                   | 2SD315AI-25                               | Manufacturer                   | <a href="#">Power Integrations</a>                            |
| Description                                                                                                                                                                                                                                                                                                                                                                                                   | IGBT DVR CORE 2500V                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                            | 5961 pcs                                  | Data sheet                     | <a href="#">2SD315AI-25</a><br><a href="#">SCALE-1 Manual</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 15V                                                           |
| Series                                                                                                                                                                                                                                                                                                                                                                                                        | SCALE™-1                                  | Rise / Fall Time (Typ)         | -                                                             |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                         | Number of Drivers              | 2                                                             |
| 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                                    |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                          | 18A, 18A                                  | Channel Type                   | -                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Power Integrations series electronic components. We have 5961 pieces of Power Integrations 2SD315AI-25 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                           |                                |                                                               |

| RELATED PRODUCTS                                                                   |                                                                                   |                                                                  |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">2SD300C17A2</a><br>Description: IC DUAL GATE DRIVER 30A        | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD300C17A3</a><br>Description: IC DUAL GATE DRIVER 30A        | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2707T2LV</a><br>Description: TRANS NPN 50V 0.15A VMT3       | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">2SD571(1)-T(ND)-AZ</a><br>Description: TRANSISTOR              | Manufacturers: <a href="#">Renesas Electronics America</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2702TL</a><br>Description: TRANS NPN 12V 1.5A TUMT3         | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">2SD300C17A4</a><br>Description: GATE DRIVER CORE SCALE-2 1700V | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD315AI-33</a><br>Description: IGBT DVR CORE 3300V            | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2695,T6F(M)</a><br>Description: TRANS NPN 2A 60V TO226-3    | Manufacturers: <a href="#">Toshiba Semiconductor and Storage</a> | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2696T2L</a><br>Description: TRANS NPN 30V 0.4A VMT3         | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |
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|  | Part#: <a href="#">2SD315AI UL</a><br>Description: IC DUAL GATE DRIVER 18A        | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD316EI-12</a><br>Description: GATE DVR P&P SCALE-1           | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2703TL</a><br>Description: TRANS NPN 30V 1A TUMT3           | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2700TL</a><br>Description: TRANS NPN 12V 2A TUMT3           | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2704KT146</a><br>Description: TRANS NPN 20V 0.3A SOT23-3    | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">2SD316EI-17</a><br>Description: GATE DVR P&P SCALE-1           | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD300C17A1</a><br>Description: GATE DRIVER CORE SCALE-2 1700V | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD315AI</a><br>Description: GATE DRIVER CORE SCALE-1 1700V    | Manufacturers: <a href="#">Power Integrations</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2701TL</a><br>Description: TRANS NPN 12V 2A TUMT3           | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">2SD2705STP</a><br>Description: TRANS NPN 20V 0.3A 3PIN SPT     | Manufacturers: <a href="#">LAPIS Semiconductor</a>               | <div>RFQ</div> |

| Related keywords for 2SD315AI-25 |                         |                      |                   |
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