

DGD0503FN-7



**Part Number:** [DGD0503FN-7](#)

**Manufacturer:** [Diodes Incorporated](#)

**Description:** IC GATE DVR HV 10-WDFN

**Data sheet:**  [DGD0503](#)

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

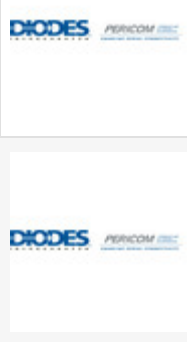
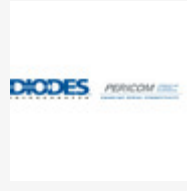
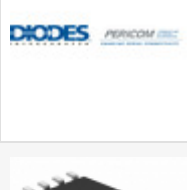
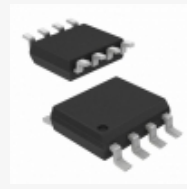
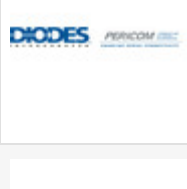
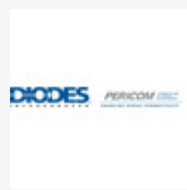
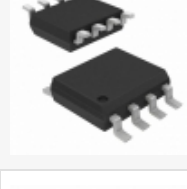
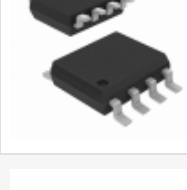
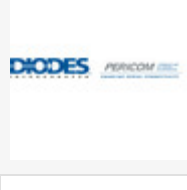
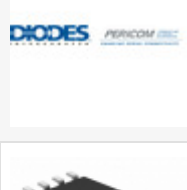
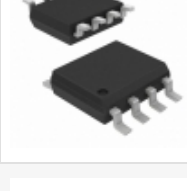
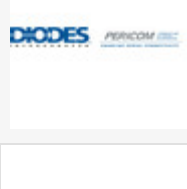
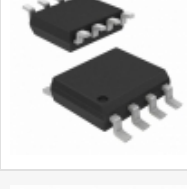
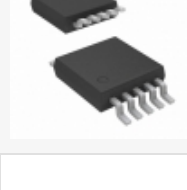
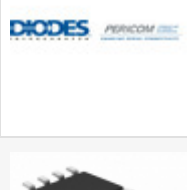
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy DGD0503FN-7 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                  |                                                       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                      | DGD0503FN-7                               | Manufacturer                     | <a href="#">Diodes Incorporated</a>                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC GATE DVR HV 10-WDFN                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                               | 170558 pcs                                | Data sheet                       | <a href="#">DGD0503</a>                               |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 10 V ~ 20 V                                           |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                          | W-DFN3030-10                              | Series                           | -                                                     |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                                           | 70ns, 35ns                                | Packaging                        | Tape & Reel (TR)                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10-WDFN Exposed Pad                       | Other Names                      | DGD0503FN-7-ND<br>DGD0503FN-7DITR                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                            | -40°C ~ 150°C (TJ)                        | Number of Drivers                | 2                                                     |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                             | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                         |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                  | 14 Weeks                                  | Logic Voltage - VIL, VIH         | 0.8V, 2.5V                                            |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | Input Type                       | Non-Inverting                                         |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                                              | 100V                                      | Gate Type                        | IGBT, N-Channel MOSFET                                |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                             | Half-Bridge                               | Detailed Description             | Half-Bridge Gate Driver IC Non-Inverting W-DFN3030-10 |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                                             | 290mA, 600mA                              | Channel Type                     | Independent                                           |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Diodes Incorporated series electronic components. We have 170558 pieces of Diodes Incorporated DGD0503FN-7 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                           |                                  |                                                       |

| RELATED PRODUCTS                                                                   |                                                                                     |                                                    |                |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------|----------------|
|  | Part#: <a href="#">DGD0504FN-7</a><br>Description: IC GATE DVR HV 10-WDFN           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD05473FN-7</a><br>Description: HVGATEDRIVERW-DFN3030-10        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD05463FN-7</a><br>Description: IC GATE DVR HV W-DFN3030-10     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD2103S8-13</a><br>Description: IC GATE DRV R HALF-BRIDGE 8SO   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD2101MS8-13</a><br>Description: HV GATE DRIVER SO-8 T&R 2.5K   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD0547FN-7</a><br>Description: IC GATE DRV R HI/LOW SIDE 10DFN  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD2104AS8-13</a><br>Description: IC GATE DRV R HALF-BRIDGE 8SO  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD2101S8-13</a><br>Description: IC GATE DRV R HALF-BRIDGE 8SO   | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD1504S8-13</a><br>Description: IC GATE DRV R HALF BRIDGE SO-8  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD0506AFN-7</a><br>Description: HVGATEDRIVERW-DFN3030-10        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD2103AS8-13</a><br>Description: IC GATE DRV R HALF-BRIDGE 8SO  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD0507FN-7</a><br>Description: IC GATE DVR HV W-DFN3030-10      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD21042S8-13</a><br>Description: IC GATE DVR HV 8SOIC           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD05062FN-7</a><br>Description: HV GATE DRIVER W-DFN3030-10 T&R | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD0506FN-7</a><br>Description: IC GATE DVR HV W-DFN3030-10      | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD2103MS8-13</a><br>Description: IC GATE DRV R HV SO8           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD21032S8-13</a><br>Description: IC GATE DVR HV 8SOIC           | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD0506AM10-13</a><br>Description: IC GATE HV DRIVER MSOP-10     | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD0507AFN-7</a><br>Description: HVGATEDRIVERW-DFN3030-10        | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DGD1503S8-13</a><br>Description: IC GATE DRV R HALF BRIDGE SO-8  | Manufacturers: <a href="#">Diodes Incorporated</a> | <div>RFQ</div> |

| Related keywords for <b>DGD0503FN-7</b> |                         |                                   |                                                           |
|-----------------------------------------|-------------------------|-----------------------------------|-----------------------------------------------------------|
| Diodes Incorporated DGD0503FN-7         | DGD0503FN-7 distributor | DGD0503FN-7 supplier              | DGD0503FN-7 price                                         |
| DGD0503FN-7 download datasheet          | DGD0503FN-7 datasheet   | DGD0503FN-7 stock                 | buy DGD0503FN-7                                           |
| Diodes Incorporated DGD0503FN-7         | Diodes Inc DGD0503FN-7  | Pericom Semiconductor DGD0503FN-7 | Zetex Semiconductors (Diodes Incorporated)<br>DGD0503FN-7 |