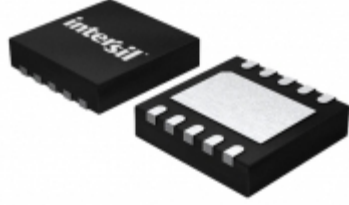


PX3511ADDG



**Part Number:** [PX3511ADDG](#)

**Manufacturer:** [Intersil](#)

**Description:** IC DRVR SYNC BUCK HF 10-DFN

**Data sheet:**  [PX3511\(A,B\)](#)

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

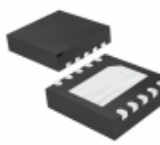
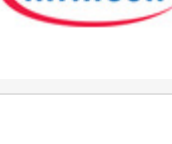
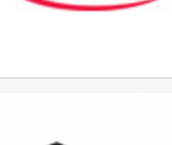
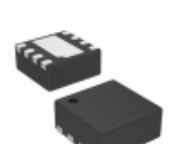
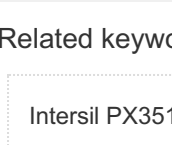
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                          |                                           |                                |                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|-------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | PX3511ADDG                                | Manufacturer                   | <a href="#">Intersil</a>                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                | IC DRVR SYNC BUCK HF 10-DFN               | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                         | 4974 pcs                                  | Data sheet                     | <a href="#">PX3511(A,B)</a>                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 10.8 V ~ 13.2 V                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                    | 10-DFN (3x3)                              | Series                         | -                                                     |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                     | 26ns, 18ns                                | Packaging                      | Tube                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                             | 10-VFDFN Exposed Pad                      | Operating Temperature          | 0°C ~ 125°C (TJ)                                      |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                          | 2                                         | Mounting Type                  | Surface Mount                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                           | 2 (1 Year)                                | Logic Voltage - VIL, VIH       | -                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                             | Lead free / RoHS Compliant                | Input Type                     | Non-Inverting                                         |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                        | 36V                                       | Gate Type                      | N-Channel MOSFET                                      |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                       | Half-Bridge                               | Detailed Description           | Half-Bridge Gate Driver IC Non-Inverting 10-DFN (3x3) |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                       | 1.25A, 2A                                 | Channel Type                   | Synchronous                                           |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                           | PX3511A                                   |                                |                                                       |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                                                                |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PX3517FTMA1</a><br>Description: IC BUCK SYNC DRIVER DL TDSO10           | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511BDAG</a><br>Description: IC DRVR SYNC BUCK HF 8-SOIC              | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX302J2</a><br>Description: THERMISTOR NTC 3KOHM 3892K BEAD             | Manufacturers: <a href="#">U.S. Sensor</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3875FDQGG006XUMA1</a><br>Description: IC REGULATOR PG-VQFN-48-2       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3560EDSGR2RB1322AXUMA1</a><br>Description: IC REGULATOR PG-VQFN-48-23 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511DDDG-RA</a><br>Description: IC DRVR SYNC BUCK HF 10-DFN           | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3877FDQGG006XUMA1</a><br>Description: IC REGULATOR PG-VQFN-48-2       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3877EDQGG005XUMA1</a><br>Description: IC REGULATOR PG-VQFN-48-2       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3875EDQGG005XUMA1</a><br>Description: IC REGULATOR PG-VQFN-48-2       | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511ADDG-RA</a><br>Description: IC DRVR SYNC BUCK HF 10-DFN           | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511BDAG-R3</a><br>Description: IC DRVR SYNC BUCK HF 8-SOIC           | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511ADAG-R3</a><br>Description: IC DRVR SYNC BUCK HF 8-SOIC           | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3895CDQG</a><br>Description: IC REGULATOR PG-VQFN-48-27               | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3560EDSGR2RB1323AXUMA1</a><br>Description: IC REGULATOR PG-VQFN-48-23 | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX303J2</a><br>Description: THERMISTOR NTC 30KOHM 3892K BEAD            | Manufacturers: <a href="#">U.S. Sensor</a>                                     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3516ADDGR4XTMA1</a><br>Description: IC BUCK SYNC DRIVER DL TDSO10-2   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511BDDG-RA</a><br>Description: IC DRVR SYNC BUCK HF 10-DFN           | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511ADAG</a><br>Description: IC DRVR SYNC BUCK HF 8-SOIC              | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3519XTMA1</a><br>Description: IC GATE DRIVER 8VDSON                   | Manufacturers: <a href="#">International Rectifier (Infineon Technologies)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PX3511BDDG</a><br>Description: IC DRVR SYNC BUCK HF 10-DFN              | Manufacturers: <a href="#">Intersil</a>                                        | <a href="#">RFQ</a> |

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