

HIP6603BECB



  
A Renesas Company

**Part Number:** [HIP6603BECB](#)

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

**Description:** IC DRIVER MOSF SYNC BUCK 8EPSOIC

**Data sheet:**  [HIP6601B](#), [HIP6603B](#), [HIP6604B](#)

**RoHs Status:** Contains lead / RoHS non-compliant

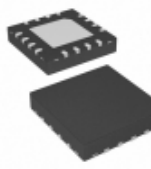
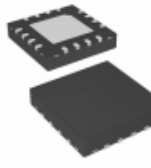
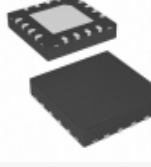
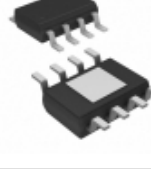
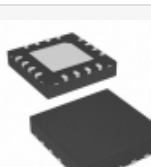
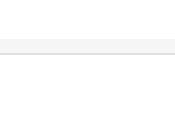
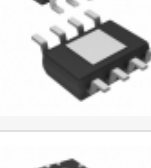
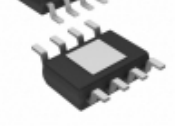
**Ship From:** Hong Kong

**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                                                                                                                                                                                                                                                                                                                                                                                                                                 | HIP6603BECB                               | Manufacturer                   | <a href="#">Intersil</a>                                                       |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC DRIVER MOSF SYNC BUCK 8EPSOIC          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 5365 pcs                                  | Data sheet                     | <a href="#">HIP6601B</a> , <a href="#">HIP6603B</a> , <a href="#">HIP6604B</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 10.8 V ~ 13.2 V                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-SOIC-EP                                 | Series                         | -                                                                              |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                      | 20ns, 20ns                                | Packaging                      | Tube                                                                           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-SOIC (0.154", 3.90mm Width) 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                                                                                                                                                                                                                                                                                                                                                                                                              | Contains lead / RoHS non-compliant        | Input Type                     | Non-Inverting                                                                  |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                         | 15V                                       | Gate Type                      | N-Channel MOSFET                                                               |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                        | Half-Bridge                               | Detailed Description           | Half-Bridge Gate Driver IC Non-Inverting 8-SOIC-EP                             |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                        | -                                         | Channel Type                   | Synchronous                                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                            | HIP6603B                                  |                                |                                                                                |
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|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------|---------------------|
|  | Part#: <a href="#">HIP6602BCRZA-T</a><br>Description: IC DRVR MOSF 2CH SYC BUCK 16-QFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP9011ABZ</a><br>Description: IC SENSOR ENGINE KNOCK 20-SOIC       | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6604BCR-T</a><br>Description: IC DRIVER MOSF SYNC BUCK 16-QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6604BCRZ-T</a><br>Description: IC DRIVER MOSF SYNC BUCK 16-QFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6603BECB-T</a><br>Description: IC DRIVER MOSF SYNC BUCK 8EPSOIC  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6603BCBZ-T</a><br>Description: IC DRIVER MOSFET SYNC BUCK 8SOIC  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6602BCRZ</a><br>Description: IC DRVR MOSF 2CH SYC BUCK 16-QFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">HIP6603BCB</a><br>Description: IC DRIVER MOSFET SYNC BUCK 8SOIC     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6602BCR</a><br>Description: IC DRVR MOSF 2CH SYC BUCK 16-QFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6603BECBZ</a><br>Description: IC DRIVER MOSF SYNC BUCK 8EPSOIC   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6604BCR</a><br>Description: IC DRIVER MOSF SYNC BUCK 16-QFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6602BCRZ-T</a><br>Description: IC DRVR MOSF 2CH SYC BUCK 16-QFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6603BECBZ-T</a><br>Description: IC DRIVER MOSF SYNC BUCK 8EPSOIC | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP9011AB</a><br>Description: IC SENSOR ENGINE KNOCK 20-SOIC        | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">HIP6603BCB-T</a><br>Description: IC DRIVER MOSFET SYNC BUCK 8SOIC   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
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