

ISL6744AB



A Renesas Company

Part Number: ISL6744AB

Manufacturer: Intersil

Description: IC REG CTRLR MULT TOPOLOGY 8SOIC

Data sheet:  ISL6744

RoHs Status: Contains lead / RoHS non-compliant

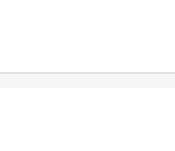
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                       |                                           |                                |                                                                                                                    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                             | ISL6744AB                                 | Manufacturer                   | <a href="#">Intersil</a>                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                             | IC REG CTRLR MULT TOPOLOGY 8SOIC          | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                      | 4513 pcs                                  | Data sheet                     | <a href="#">ISL6744</a>                                                                                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)     | 9 V ~ 16 V                                                                                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                | Full-Bridge, Half-Bridge                  | Synchronous Rectifier          | Yes                                                                                                                |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                 | 8-SOIC                                    | Series                         | -                                                                                                                  |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                       | -                                         | Packaging                      | Tube                                                                                                               |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                          | 8-SOIC (0.154", 3.90mm Width)             | Output Type                    | Transistor Driver                                                                                                  |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                           | 1                                         | Output Configuration           | Positive, Isolation Capable                                                                                        |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                   | -40°C ~ 105°C (TA)                        | Number of Outputs              | 1                                                                                                                  |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                                                                 |
| Function                                                                                                                                                                                                                                                                                                                                                                                | Step-Up/Step-Down                         | Frequency - Switching          | Up to 1MHz                                                                                                         |
| Duty Cycle (Max)                                                                                                                                                                                                                                                                                                                                                                        | 99%                                       | Detailed Description           | Full-Bridge, Half-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 8-SOIC |
| Control Features                                                                                                                                                                                                                                                                                                                                                                        | Frequency Control, Soft Start             | Clock Sync                     | No                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                        | ISL6744                                   |                                |                                                                                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 4513 pieces of Intersil ISL6744AB 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 |                                           |                                |                                                                                                                    |

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|  | Part#: <a href="#">ISL6742BAAZA-T</a><br>Description: IC REG CTRLR MULT TOP 16QSOP        | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">ISL6744EVAL1</a><br>Description: EVALUATION BOARD ISL6744              | Manufacturers: <a href="#">Intersil</a> | <div>RFQ</div> |
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Related keywords for ISL6744AB

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