



Intersil

## ISL6841IU-T

|                      |                                    |
|----------------------|------------------------------------|
| Part Number:         | ISL6841IU-T                        |
| Manufacturer/Brand:  | Intersil                           |
| Product description: | IC REG CTRLR BOOST/FLYBACK 8MSOP   |
| Datasheets:          | <a href="#">ISL6841IU-T.pdf</a>    |
| RoHS Status:         | Contains lead / RoHS non-compliant |
| Stock Condition:     | 4582 pcs stock                     |
| Ship From:           | Hong Kong                          |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS              |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

### Specifications of ISL6841IU-T

|                                  |   |
|----------------------------------|---|
| PART NUMBER                      | ISL6841IU-T   |
| MANUFACTURER                     | Intersil  |
| DESCRIPTION                      | IC REG CTRLR BOOST/FLYBACK 8MSOP  |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant  |
| QUANTITY AVAILABLE               | 4582 pcs  |
| DATA SHEET                       | <a href="#">ISL6841IU-T.pdf</a>   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.5 V ~ 14 V  |
| TOPOLOGY                         | Boost, Flyback  |
| SYNCHRONOUS RECTIFIER            | Yes   |
| SUPPLIER DEVICE PACKAGE          | 8-MSOP  |
| SERIES                           | -   |
| SERIAL INTERFACES                | -   |
| PACKAGING                        | Tape & Reel (TR)  |
| PACKAGE / CASE                   | 8-TSSOP, 8-MSOP (0.118", 3.00mm 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-Up/Step-Down  |
| FREQUENCY - SWITCHING            | Up to 2MHz  |
| DUTY CYCLE (MAX)                 | 48%   |
| DETAILED DESCRIPTION             | Boost, Flyback Regulator Positive, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-MSOP |
| CONTROL FEATURES                 | Current Limit, Frequency Control  |
| CLOCK SYNC                       | No  |
| BASE PART NUMBER                 | ISL6841   |

### Related Tags

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|---|--|--|
| <a href="#">Intersil ISL6841IU-T</a>      | <a href="#">ISL6841IU-T Distributor</a>        | <a href="#">ISL6841IU-T Supplier</a>     |
| <a href="#">ISL6841IU-T Price</a>         | <a href="#">ISL6841IU-T Pictures</a>           | <a href="#">ISL6841IU-T Image</a>        |
| <a href="#">ISL6841IU-T PDF Datasheet</a> | <a href="#">ISL6841IU-T Download Datasheet</a> | <a href="#">ISL6841IU-T Datasheet</a>    |
| <a href="#">ISL6841IU-T Stock</a>         | <a href="#">Buy ISL6841IU-T</a>                | <a href="#">Buy Intersil ISL6841IU-T</a> |
| <a href="#">Intersil ISL6841IU-T</a>      | <a href="#">Intersil Supplier</a>              | <a href="#">Intersil Distributor</a>     |
| <a href="#">Intersil ISL6841IU-T</a>      |  |  |

### Related Products

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|--|--|
| <p><b>ISL6841IB-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 6935 pcs</p> <p><b>RFQ</b></p>   | <p><b>ISL6841IU</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8MSOP<br/>In stock: 4772 pcs</p> <p><b>RFQ</b></p>   |
| <p><b>ISL6841IUZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8MSOP<br/>In stock: 74359 pcs</p> <p><b>RFQ</b></p>   | <p><b>ISL6841IRZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8DFN<br/>In stock: 6021 pcs</p> <p><b>RFQ</b></p> |
| <p><b>ISL6842IBZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 30230 pcs</p> <p><b>RFQ</b></p>          | <p><b>ISL6842IB</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 2983 pcs</p> <p><b>RFQ</b></p>          |
| <p><b>ISL6841IUZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8MSOP<br/>In stock: 86697 pcs</p> <p><b>RFQ</b></p> | <p><b>ISL6841IB</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 5273 pcs</p> <p><b>RFQ</b></p>   |
| <p><b>ISL6842IBZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 85645 pcs</p> <p><b>RFQ</b></p>        | <p><b>ISL6842IB-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR PWM CM 8SOIC<br/>In stock: 4148 pcs</p> <p><b>RFQ</b></p>        |
| <p><b>ISL6841IBZ-T</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 5187 pcs</p> <p><b>RFQ</b></p>  | <p><b>ISL6841IBZ</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SOIC<br/>In stock: 6864 pcs</p> <p><b>RFQ</b></p>  |