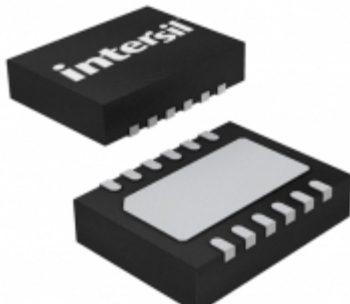


ISL85410FRZ-T



  
A Renesas Company

**Part Number:** [ISL85410FRZ-T](#)

**Manufacturer** [Intersil](#)

**Description** IC REG BUCK ADJ 1A SYNC 12DFN

**Data sheet:**  [ISL85410](#)

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

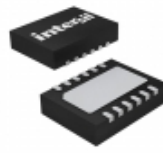
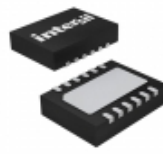
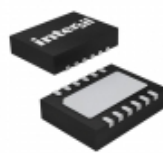
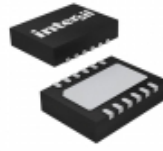
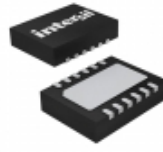
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy ISL85410FRZ-T with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                           |                                           |                                 |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | ISL85410FRZ-T                             | Manufacturer                    | <a href="#">Intersil</a>                                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | IC REG BUCK ADJ 1A SYNC 12DFN             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                          | 64989 pcs                                 | Data sheet                      | <a href="#">ISL85410</a>                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                    | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 0.6V                                                                                  |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                      | 34V                                       | Voltage - Input (Min)           | 3V                                                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                       | 40V                                       | Topology                        | Buck                                                                                  |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                       | Supplier Device Package         | 12-DFN (4x3)                                                                          |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                      | -                                         | Packaging                       | Tape & Reel (TR)                                                                      |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                              | 12-VDFDN Exposed Pad                      | Output Type                     | Adjustable                                                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                        | Positive                                  | Operating Temperature           | -40°C ~ 125°C (TJ)                                                                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                         | Mounting Type                   | Surface Mount                                                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                            | 3 (168 Hours)                             | Manufacturer Standard Lead Time | 6 Weeks                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                              | Lead free / RoHS Compliant                | Function                        | Step-Down                                                                             |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                       | 500kHz, 300kHz ~ 2MHz                     | Detailed Description            | Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 1A 12-VDFDN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                            | 1A                                        |                                 |                                                                                       |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Intersil series electronic components. We have 64989 pieces of Intersil ISL85410FRZ-T 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="#">ISL85412DEMO1Z</a><br>Description: DEMO BOARD ISL85412                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85413EVAL1Z</a><br>Description: EVAL BOARD FOR ISL85413            | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL854102FRZ-T7A</a><br>Description: IC REG BUCK ADJ 1.2A SYNC 12DFN  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85412FRTZ</a><br>Description: IC REG BUCK ADJ 0.15A SYNC 8TDFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL854102DEMO1Z</a><br>Description: ISL854102 DEMO BOARD 1 - 12 LD D  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85410DEMO1Z</a><br>Description: DEMO BOARD FOR ISL85410            | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85410FRZ</a><br>Description: IC REG BUCK ADJ 1A SYNC 12DFN         | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85413FRTZ-T</a><br>Description: IC REG BUCK ADJ 0.3A SYNC 8TDFN    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL854102FRZ-T</a><br>Description: 40VIN 1.2A SYNCHRONOUS SWITCHING   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL854102EVAL1Z</a><br>Description: ISL854102 EVAL BOARD 1 - 12 LD D  | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85412FRTZ-T7A</a><br>Description: IC REG BUCK ADJ 0.15A SYNC 8TDFN | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85413DEMO3Z</a><br>Description: ISL85413 DEMO BOARD 3 - 8 LD TDF   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85410FRZ-T7A</a><br>Description: IC REG BUCK ADJ 1A SYNC 12DFN     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85412FRTZ-T</a><br>Description: IC REG BUCK ADJ 0.15A SYNC 8TDFN   | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL8540IVEZ-T</a><br>Description: IC REG BUCK ADJ 2A SYNC 20HTSSOP    | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85410EVAL1Z</a><br>Description: EVAL BOARD FOR ISL85410            | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL8540IVEZ</a><br>Description: IC REG BUCK ADJ 2A SYNC 20HTSSOP      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL854102FRZ</a><br>Description: 40VIN 1.2A SYNCHRONOUS SWITCHING     | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85413DEMO1Z</a><br>Description: DEMO BOARD ISL85413                | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">ISL85413FRTZ</a><br>Description: IC REG BUCK ADJ 0.3A SYNC 8TDFN      | Manufacturers: <a href="#">Intersil</a> | <a href="#">RFQ</a> |

Related keywords for ISL85410FRZ-T

|                                  |                           |                        |                     |
|----------------------------------|---------------------------|------------------------|---------------------|
| Intersil ISL85410FRZ-T           | ISL85410FRZ-T distributor | ISL85410FRZ-T supplier | ISL85410FRZ-T price |
| ISL85410FRZ-T download datasheet | ISL85410FRZ-T datasheet   | ISL85410FRZ-T stock    | buy ISL85410FRZ-T   |
| Intersil ISL85410FRZ-T           |                           |                        |                     |