



Intersil

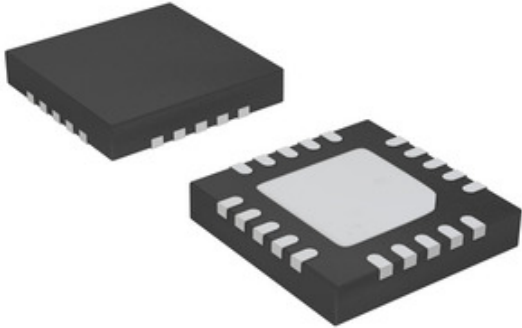


Image may be representation. See specifications for product details.

ISL78100ARZ-T

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ISL78100ARZ-T                                                                                                |
| Manufacturer/Brand: | Intersil                                                                                                     |
| Product description | IC LED DRIVER RGLTR DIM 1A 20QFN                                                                             |
| Datasheets:         |  ISL78100ARZ-T.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

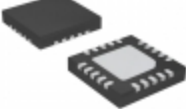
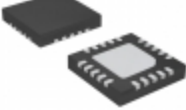
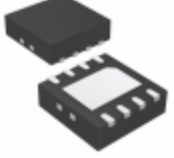
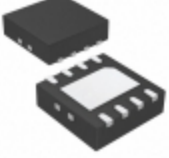
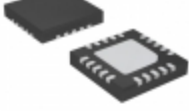
Specifications of ISL78100ARZ-T

|                                  |                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ISL78100ARZ-T                                                                                                |
| MANUFACTURER                     | Intersil                                                                                                     |
| DESCRIPTION                      | IC LED DRIVER RGLTR DIM 1A 20QFN                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                   |
| DATA SHEET                       |  ISL78100ARZ-T.pdf        |
| VOLTAGE - SUPPLY (MIN)           | 2.7V                                                                                                         |
| VOLTAGE - SUPPLY (MAX)           | 16V                                                                                                          |
| VOLTAGE - OUTPUT                 | 32 V                                                                                                         |
| TYPE                             | DC DC Regulator                                                                                              |
| TOPOLOGY                         | Step-Down (Buck), Step-Up (Boost)                                                                            |
| SUPPLIER DEVICE PACKAGE          | 20-QFN (4x4)                                                                                                 |
| SERIES                           | Automotive, AEC-Q100                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                             |
| PACKAGE / CASE                   | 20-VFQFN Exposed Pad                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                           |
| 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                                                                                   |
| INTERNAL SWITCH(S)               | Yes                                                                                                          |
| FREQUENCY                        | 1MHz                                                                                                         |
| DIMMING                          | Analog, PWM                                                                                                  |
| DETAILED DESCRIPTION             | LED Driver IC 1 Output DC DC Regulator Step-Down (Buck), Step-Up (Boost) Analog, PWM Dimming 1A 20-QFN (4x4) |
| CURRENT - OUTPUT / CHANNEL       | 1A                                                                                                           |
| BASE PART NUMBER                 | ISL78100                                                                                                     |
| APPLICATIONS                     | Automotive, Backlight                                                                                        |

Related Tags

|                             |                                  |                            |
|-----------------------------|----------------------------------|----------------------------|
| Intersil ISL78100ARZ-T      | ISL78100ARZ-T Distributor        | ISL78100ARZ-T Supplier     |
| ISL78100ARZ-T Price         | ISL78100ARZ-T Pictures           | ISL78100ARZ-T Image        |
| ISL78100ARZ-T PDF Datasheet | ISL78100ARZ-T Download Datasheet | ISL78100ARZ-T Datasheet    |
| ISL78100ARZ-T Stock         | Buy ISL78100ARZ-T                | Buy Intersil ISL78100ARZ-T |
| Intersil ISL78100ARZ-T      | Intersil Supplier                | Intersil Distributor       |
| Intersil ISL78100ARZ-T      |                                  |                            |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>ISL76683EVAL1Z</div><div>Manufacturers: Intersil</div><div>Description: BOARD EVALUATION FOR ISL76683</div><div>In stock: Out stock</div><div>RFQ</div></div>     | <div><div>ISL78100ARZ</div><div>Manufacturers: Intersil</div><div>Description: IC LED DRIVER RGLTR DIM 1A 20QFN</div><div>In stock: Out stock</div><div>RFQ</div></div>    |
| <div><div>ISL78010ANZ-T</div><div>Manufacturers: Intersil</div><div>Description: IC REG MULTI-OUTP 32-TQFP</div><div>In stock: Out stock</div><div>RFQ</div></div>          | <div><div>ISL78100ARZ-TK</div><div>Manufacturers: Intersil</div><div>Description: IC LED DRIVER RGLTR DIM 1A 20QFN</div><div>In stock: Out stock</div><div>RFQ</div></div> |
| <div><div>ISL78113AARAZ-T7A</div><div>Manufacturers: Intersil</div><div>Description: IC REG BOOST ADJ 1A SYNC 8DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>  | <div><div>ISL78113AARAZ-T</div><div>Manufacturers: Intersil</div><div>Description: IC REG BOOST ADJ 1A SYNC 8DFN</div><div>In stock: Out stock</div><div>RFQ</div></div>   |
| <div><div>ISL78100ARZ-T7A</div><div>Manufacturers: Intersil</div><div>Description: IC LED DRIVER RGLTR DIM 1A 20QFN</div><div>In stock: Out stock</div><div>RFQ</div></div> | <div><div>ISL78010EVAL1Z</div><div>Manufacturers: Intersil</div><div>Description: EVAL BOARD 1 FOR ISL78010</div><div>In stock: Out stock</div><div>RFQ</div></div>        |
| <div><div>ISL78010ANZ</div><div>Manufacturers: Intersil</div><div>Description: IC REG MULTI-OUTP 32-TQFP</div><div>In stock: Out stock</div><div>RFQ</div></div>            | <div><div>ISL76683AR0Z-T7A</div><div>Manufacturers: Intersil</div><div>Description: IC SENSOR LIGHT-DGTL I2C 6-ODFN</div><div>In stock: 208 pcs</div><div>RFQ</div></div>  |
| <div><div>ISL78171ARZ-T</div><div>Manufacturers: Intersil</div><div>Description: IC LED DRIVER RGLTR DIM 20QFN</div><div>In stock: Out stock</div><div>RFQ</div></div>      | <div><div>ISL78171ARZ</div><div>Manufacturers: Intersil</div><div>Description: IC LED DRIVER RGLTR DIM 20QFN</div><div>In stock: Out stock</div><div>RFQ</div></div>       |