



A Renesas Company

Intersil



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ZL2004ALNF-01

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ZL2004ALNF-01                                                                                                |
| Manufacturer/Brand: | Intersil                                                                                                     |
| Product description | IC REG CTRLR BUCK PMBUS 32QFN                                                                                |
| Datasheets:         |  ZL2004ALNF-01.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19226 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 ZL2004ALNF-01

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ZL2004ALNF-01                                                                                         |
| MANUFACTURER                     | Intersil                                                                                              |
| DESCRIPTION                      | IC REG CTRLR BUCK PMBUS 32QFN                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 19226 pcs                                                                                             |
| DATA SHEET                       |  ZL2004ALNF-01.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 8 V ~ 10 V                                                                                            |
| TOPOLOGY                         | Buck                                                                                                  |
| SYNCHRONOUS RECTIFIER            | -                                                                                                     |
| SUPPLIER DEVICE PACKAGE          | 32-QFN (5x5)                                                                                          |
| SERIES                           | -                                                                                                     |
| SERIAL INTERFACES                | I²C, PMBus, SMBus                                                                                     |
| PACKAGING                        | Tube                                                                                                  |
| PACKAGE / CASE                   | 32-VFQFN Exposed Pad                                                                                  |
| OUTPUT TYPE                      | PWM Signal                                                                                            |
| OUTPUT PHASES                    | 1                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OPERATING TEMPERATURE            | 0°C ~ 65°C (TA)                                                                                       |
| NUMBER OF OUTPUTS                | 1                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 2 (1 Year)                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| FUNCTION                         | Step-Down                                                                                             |
| FREQUENCY - SWITCHING            | 400kHz                                                                                                |
| DUTY CYCLE (MAX)                 | -                                                                                                     |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down I²C, PMBus, SMBus DC-DC Controller IC 32-QFN (5x5)           |
| CONTROL FEATURES                 | Current Limit, Enable, Power Good, Soft Start, Tracking                                               |
| CLOCK SYNC                       | Yes                                                                                                   |
| BASE PART NUMBER                 | ZL2004                                                                                                |

Related Tags

|                             |                                  |                            |
|-----------------------------|----------------------------------|----------------------------|
| Intersil ZL2004ALNF-01      | ZL2004ALNF-01 Distributor        | ZL2004ALNF-01 Supplier     |
| ZL2004ALNF-01 Price         | ZL2004ALNF-01 Pictures           | ZL2004ALNF-01 Image        |
| ZL2004ALNF-01 PDF Datasheet | ZL2004ALNF-01 Download Datasheet | ZL2004ALNF-01 Datasheet    |
| ZL2004ALNF-01 Stock         | Buy ZL2004ALNF-01                | Buy Intersil ZL2004ALNF-01 |
| Intersil ZL2004ALNF-01      | Intersil Supplier                | Intersil Distributor       |
| Intersil ZL2004ALNF-01      |                                  |                            |

Related Products

|                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div>A Renesas Company</div></div> <div><b>ZL2004ALNFT1</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK PMBUS 32QFN<br/>In stock: 24051 pcs</div> <div>RFQ</div>    | <div><div>A Renesas Company</div></div> <div><b>ZL2-P2425</b><br/>Manufacturers: N/A<br/>Description: PNP LO 2M M12-4 PGTL<br/>In stock: 876 pcs</div> <div>RFQ</div>                   |
| <div><div>A Renesas Company</div></div> <div><b>ZL2004ALNFT-01</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK PMBUS 32QFN<br/>In stock: 17535 pcs</div> <div>RFQ</div>  | <div><div>A Renesas Company</div></div> <div><b>ZL2004ALNN</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK PMBUS 32QFN<br/>In stock: 5184 pcs</div> <div>RFQ</div>   |
| <div><div>A Renesas Company</div></div> <div><b>ZL2004ALNF</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK PMBUS 32QFN<br/>In stock: 24115 pcs</div> <div>RFQ</div>      | <div><div>A Renesas Company</div></div> <div><b>ZL2004ALNFT</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK PMBUS 32QFN<br/>In stock: 24234 pcs</div> <div>RFQ</div> |
| <div><div>A Renesas Company</div></div> <div><b>ZL2-P2428</b><br/>Manufacturers: N/A<br/>Description: SEN PHT LO PNP 3M M12<br/>In stock: 1499 pcs</div> <div>RFQ</div>                     | <div><div>A Renesas Company</div></div> <div><b>ZL2-P2421</b><br/>Manufacturers: N/A<br/>Description: PNP LO RA 150 MM PGTL M12<br/>In stock: 1198 pcs</div> <div>RFQ</div>             |
| <div><div>A Renesas Company</div></div> <div><b>ZL2004ALNN-01</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK PMBUS 32QFN<br/>In stock: 5611 pcs</div> <div>RFQ</div>    | <div><div>A Renesas Company</div></div> <div><b>ZL2-P2415</b><br/>Manufacturers: N/A<br/>Description: PNP LO RA 2 METER CBL<br/>In stock: 1584 pcs</div> <div>RFQ</div>                 |
| <div><div>A Renesas Company</div></div> <div><b>ZL2004ALNFT1-01</b><br/>Manufacturers: Intersil<br/>Description: IC REG CTRLR BUCK PMBUS 32QFN<br/>In stock: 24790 pcs</div> <div>RFQ</div> | <div><div>A Renesas Company</div></div> <div><b>ZL2-P2431</b><br/>Manufacturers: N/A<br/>Description: PNP LO RA 150 MM PGTL M8<br/>In stock: 1211 pcs</div> <div>RFQ</div>              |