



Altera (Intel® Programmable

Solutions Group)



ED8106N02QI

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ED8106N02QI                                                                                                  |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | IC REG CTRLR BUCK 24QFN                                                                                      |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 23282 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ED8106N02QI

|                                  |                                                                           |
|----------------------------------|---------------------------------------------------------------------------|
| PART NUMBER                      | ED8106N02QI                                                               |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                              |
| DESCRIPTION                      | IC REG CTRLR BUCK 24QFN                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                |
| QUANTITY AVAILABLE               | 23282 pcs                                                                 |
| DATA SHEET                       |                                                                           |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 5.25 V                                                              |
| TOPOLOGY                         | Buck                                                                      |
| SYNCHRONOUS RECTIFIER            | -                                                                         |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (4x4)                                                              |
| SERIES                           | Enpirion®                                                                 |
| SERIAL INTERFACES                | -                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                          |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad                                                      |
| OUTPUT TYPE                      | PWM Signal                                                                |
| OUTPUT PHASES                    | 1                                                                         |
| OUTPUT CONFIGURATION             | Positive                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                         |
| NUMBER OF OUTPUTS                | 1                                                                         |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                |
| FUNCTION                         | Step-Down                                                                 |
| FREQUENCY - SWITCHING            | 500kHz ~ 1MHz                                                             |
| DUTY CYCLE (MAX)                 | 100%                                                                      |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 24-QFN (4x4) |
| CONTROL FEATURES                 | Power Good                                                                |
| CLOCK SYNC                       | No                                                                        |
| BASE PART NUMBER                 | ED8106                                                                    |

Related Tags

|                                                          |                                                       |                                                              |
|----------------------------------------------------------|-------------------------------------------------------|--------------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) ED8106N02QI | ED8106N02QI Distributor                               | ED8106N02QI Supplier                                         |
| ED8106N02QI Price                                        | ED8106N02QI Pictures                                  | ED8106N02QI Image                                            |
| ED8106N02QI PDF Datasheet                                | ED8106N02QI Download Datasheet                        | ED8106N02QI Datasheet                                        |
| ED8106N02QI Stock                                        | Buy ED8106N02QI                                       | Buy Altera (Intel® Programmable Solutions Group) ED8106N02QI |
| Altera (Intel® Programmable Solutions Group) ED8106N02QI | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor     |
| Altera (Intel® Programmable Solutions Group) ED8106N02QI | Altera ED8106N02QI                                    | Altera (Intel® Programmable Solutions Group) ED8106N02QI     |

Related Products

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|  <div><b>ED8106N00QI</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC REG CTRLR BUCK 24QFN<br/>In stock: 23922 pcs<br/>RFQ</div>          |  <div><b>ED8101P02QI</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC PWM CTRLR SGL TRUE DGTL 24QFN<br/>In stock: 18616 pcs<br/>RFQ</div> |
|  <div><b>ED8101P00QI</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC REG CTRLR BUCK I2C 24QFN<br/>In stock: 14993 pcs<br/>RFQ</div>      |  <div><b>ED8627-000</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: HEATSHRNK 2.4MM ID PRESCORE BLU<br/>In stock: 72253 pcs<br/>RFQ</div>               |
|  <div><b>ED8414-000</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: HEATSHRNK 38.1MM ID 50MM WH<br/>In stock: 35612 pcs<br/>RFQ</div>                   |  <div><b>ED8101P01QI</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC PWM CTRLR SGL TRUE DGTL 24QFN<br/>In stock: 21298 pcs<br/>RFQ</div> |
|  <div><b>ED8106N01QI</b><br/>Manufacturers: Altera (Intel® Programmable Solutions Group)<br/>Description: IC PWM CTRLR SGL TRUE DGTL 24QFN<br/>In stock: 24628 pcs<br/>RFQ</div> |  <div><b>ED8105-000</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: D-SCE-1K-18-50-S3-4<br/>In stock: 46004 pcs<br/>RFQ</div>                           |
|  <div><b>ED8413-000</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: HEATSHNK 38.1MM SIDE/PRESCORE YL<br/>In stock: 31967 pcs<br/>RFQ</div>              |  <div><b>ED8625-000</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: TMS-CM-1/4-4H-5-CS5785<br/>In stock: 149234 pcs<br/>RFQ</div>                       |
|  <div><b>ED8637-000</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: HSI NARROW<br/>In stock: 8304 pcs<br/>RFQ</div>                                     |  <div><b>ED8355-000</b><br/>Manufacturers: Agastat Relays / TE Connectivity<br/>Description: HEATSHRNK LBL 3:1 .125" WH 1K<br/>In stock: 169842 pcs<br/>RFQ</div>                |