



Altera (Intel® Programmable Solutions Group)



ER6230QI

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ER6230QI                                                                                                     |
| Manufacturer/Brand: | Altera (Intel® Programmable Solutions Group)                                                                 |
| Product description | 3A HIGH EFFICIENCY SYNCHRONOUS D                                                                             |
| Datasheets:         |  ER6230QI.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 54019 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ER6230QI

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ER6230QI                                                                                         |
| MANUFACTURER                     | Altera (Intel® Programmable Solutions Group)                                                     |
| DESCRIPTION                      | 3A HIGH EFFICIENCY SYNCHRONOUS D                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 54019 pcs                                                                                        |
| DATA SHEET                       |  ER6230QI.pdf |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 0.75V                                                                                            |
| VOLTAGE - OUTPUT (MAX)           | 6.33V                                                                                            |
| VOLTAGE - INPUT (MIN)            | 2.7V                                                                                             |
| VOLTAGE - INPUT (MAX)            | 6.6V                                                                                             |
| TOPOLOGY                         | Buck                                                                                             |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 24-QFN (4x4)                                                                                     |
| SERIES                           | -                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                 |
| PACKAGE / CASE                   | 24-VFQFN Exposed Pad                                                                             |
| OUTPUT TYPE                      | Programmable                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                         |
| OTHER NAMES                      | 544-3484-2                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)                                                                               |
| NUMBER OF OUTPUTS                | 1                                                                                                |
| MOUNTING TYPE                    | Surface Mount                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| FUNCTION                         | Step-Down                                                                                        |
| FREQUENCY - SWITCHING            | 1.9MHz                                                                                           |
| DETAILED DESCRIPTION             | Buck Switching Regulator IC Positive Programmable 0.75V 1 Output 3A 24-VFQFN Exposed Pad         |
| CURRENT - OUTPUT                 | 3A                                                                                               |

Related Tags

|                                                       |                                                       |                                                           |
|-------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|
| Altera (Intel® Programmable Solutions Group) ER6230QI | ER6230QI Distributor                                  | ER6230QI Supplier                                         |
| ER6230QI Price                                        | ER6230QI Pictures                                     | ER6230QI Image                                            |
| ER6230QI PDF Datasheet                                | ER6230QI Download Datasheet                           | ER6230QI Datasheet                                        |
| ER6230QI Stock                                        | Buy ER6230QI                                          | Buy Altera (Intel® Programmable Solutions Group) ER6230QI |
| Altera (Intel® Programmable Solutions Group) ER6230QI | Altera (Intel® Programmable Solutions Group) Supplier | Altera (Intel® Programmable Solutions Group) Distributor  |
| Altera (Intel® Programmable Solutions Group) ER6230QI | Altera ER6230QI                                       | Altera (Intel® Programmable Solutions Group) ER6230QI     |

Related Products

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                         |
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| <div></div> <div><b>ER6022-031NLSS</b><br/>Manufacturers: Omron Automation &amp; Safety<br/>Description: ER6022-031NLSS, 3N/C+1N/O, 1/2 "<br/>In stock: 198 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ER64/13/51-3C96</b><br/>Manufacturers: FERROXCUBE<br/>Description: PLANAR ER CORES<br/>In stock: 8466 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>ER6022-031NL</b><br/>Manufacturers: Omron Automation &amp; Safety<br/>Description: ER6022-031NL, 3 N/C+1 N/O, 1/2"<br/>In stock: 384 pcs</div> <div>RFQ</div>     | <div></div> <div><b>ER64/13/51-3C92</b><br/>Manufacturers: FERROXCUBE<br/>Description: FERRITE CORE<br/>In stock: 6431 pcs</div> <div>RFQ</div>                                      |
| <div></div> <div><b>ER64/13/51-3C97</b><br/>Manufacturers: FERROXCUBE<br/>Description: PLANAR ER CORES<br/>In stock: 6443 pcs</div> <div>RFQ</div>                                    | <div></div> <div><b>ER64/13/51-3F4</b><br/>Manufacturers: FERROXCUBE<br/>Description: PLANAR ER CORES<br/>In stock: 6324 pcs</div> <div>RFQ</div>                                    |
| <div></div> <div><b>ER6022-031NELAC</b><br/>Manufacturers: Omron Automation &amp; Safety<br/>Description: ER6022-031NELAC 3 N/C+1 N/O 1/2"<br/>In stock: 237 pcs</div> <div>RFQ</div> | <div></div> <div><b>ER64/13/51-3F36</b><br/>Manufacturers: FERROXCUBE<br/>Description: PLANAR ER CORES<br/>In stock: 7835 pcs</div> <div>RFQ</div>                                   |
| <div></div> <div><b>ER6022-031NSS</b><br/>Manufacturers: Omron Automation &amp; Safety<br/>Description: ER6022-031NSS, 3N/C+1N/O, 1/2 "<br/>In stock: 182 pcs</div> <div>RFQ</div>    | <div></div> <div><b>ER6022-031NELSS</b><br/>Manufacturers: Omron Automation &amp; Safety<br/>Description: ER6022-031NELSS, 3N/C+1N/O, 1/2<br/>In stock: 157 pcs</div> <div>RFQ</div> |
| <div></div> <div><b>ER6022-031NESS</b><br/>Manufacturers: Omron Automation &amp; Safety<br/>Description: ER6022-031NESS 3N/C+1N/O 1/2 " N<br/>In stock: 191 pcs</div> <div>RFQ</div>  | <div></div> <div><b>ER64/13/51-3C95</b><br/>Manufacturers: FERROXCUBE<br/>Description: PLANAR ER CORES<br/>In stock: 8180 pcs</div> <div>RFQ</div>                                   |