



SILICON LABS

Energy Micro (Silicon Labs)



SI1142-A11-YM0R

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI1142-A11-YM0R                                                                                                       |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                           |
| Product description | IC SENSOR I2C PROX/AMBIENT 10QFN                                                                                      |
| Datasheets:         |  <a href="#">SI1142-A11-YM0R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 2945 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.

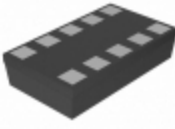
Specifications of SI1142-A11-YM0R

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SI1142-A11-YM0R                                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                                             |
| DESCRIPTION                      | IC SENSOR I2C PROX/AMBIENT 10QFN                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 2945 pcs                                                                                                                |
| DATA SHEET                       |  <a href="#">SI1142-A11-YM0R.pdf</a> |
| WAVELENGTH                       | 850nm                                                                                                                   |
| VOLTAGE - SUPPLY                 | 1.71 V ~ 3.6 V                                                                                                          |
| TYPE                             | IR                                                                                                                      |
| SERIES                           | -                                                                                                                       |
| PROXIMITY DETECTION              | Yes                                                                                                                     |
| OUTPUT TYPE                      | I <sup>2</sup> C                                                                                                        |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                            |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DETAILED DESCRIPTION             | Optical Sensor IR 850nm I <sup>2</sup> C                                                                                |

Related Tags

|                                             |                                      |                                                 |
|---------------------------------------------|--------------------------------------|-------------------------------------------------|
| Energy Micro (Silicon Labs) SI1142-A11-YM0R | SI1142-A11-YM0R Distributor          | SI1142-A11-YM0R Supplier                        |
| SI1142-A11-YM0R Price                       | SI1142-A11-YM0R Pictures             | SI1142-A11-YM0R Image                           |
| SI1142-A11-YM0R PDF Datasheet               | SI1142-A11-YM0R Download Datasheet   | SI1142-A11-YM0R Datasheet                       |
| SI1142-A11-YM0R Stock                       | Buy SI1142-A11-YM0R                  | Buy Energy Micro (Silicon Labs) SI1142-A11-YM0R |
| Energy Micro (Silicon Labs) SI1142-A11-YM0R | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor         |
| Energy Micro (Silicon Labs) SI1142-A11-YM0R | Energy Micro SI1142-A11-YM0R         | Energy Micro (Silicon Labs) SI1142-A11-YM0R     |
| Silicon Laboratories SI1142-A11-YM0R        | Silicon Labs SI1142-A11-YM0R         |                                                 |

Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SI1142-M01-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC SENSOR I2C PROX/AMBIENT 10QFN<br/>In stock: 25383 pcs<br/><b>RFQ</b></div> |  <div><b>SI1142-M01-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: SENS IR PROXIMITY AMB LT 10QFN<br/>In stock: 39567 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI1143-A11-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC SENSOR I2C PROX/AMBIENT 10QFN<br/>In stock: 26343 pcs<br/><b>RFQ</b></div> |  <div><b>SI1142-A11-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: AMBIENT LIGHT SENSOR<br/>In stock: 46802 pcs<br/><b>RFQ</b></div>           |
|  <div><b>SI1142-A11-YM0</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC SENSOR I2C PROX/AMBIENT 10QFN<br/>In stock: 4702 pcs<br/><b>RFQ</b></div> |  <div><b>SI1143-A11-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: AMBIENT LIGHT SENSOR<br/>In stock: 24064 pcs<br/><b>RFQ</b></div>           |
|  <div><b>SI1142-A10-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC SENSOR IR PROX/AMBIENT 10-QFN<br/>In stock: 5276 pcs<br/><b>RFQ</b></div>  |  <div><b>SI1143-A10-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC SENSOR IR PROX/AMBIENT 10-QFN<br/>In stock: 6639 pcs<br/><b>RFQ</b></div> |
|  <div><b>SI1142-A11-GM</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC SENSOR I2C PROX/AMBIENT 10QFN<br/>In stock: 37011 pcs<br/><b>RFQ</b></div> |  <div><b>SI1143-A10-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: SENS IR PROXIMITY AMB LT 10QFN<br/>In stock: 5726 pcs<br/><b>RFQ</b></div>  |
|  <div><b>SI1142-A10-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: SENS IR PROXIMITY AMB LT 10QFN<br/>In stock: 5004 pcs<br/><b>RFQ</b></div>   |  <div><b>SI1141-M01-GMR</b><br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: SENS IR PROXIMITY AMB LT 10QFN<br/>In stock: 47630 pcs<br/><b>RFQ</b></div> |