



HAL1820UA-A

|                     |                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------|
| Part Number:        | HAL1820UA-A                                                                                                       |
| Manufacturer/Brand: | Micronas                                                                                                          |
| Product description | SENSOR LINEAR ANALOG TO92-3                                                                                       |
| Datasheets:         |  <a href="#">HAL1820UA-A.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant      |
| Stock Condition     | 85394 pcs stock                                                                                                   |
| Ship From           | Hong Kong                                                                                                         |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                             |

REQUEST FOR QUOTATION

Specifications of HAL1820UA-A

|                                  |                                                                                                                     |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | HAL1820UA-A                                                                                                         |
| MANUFACTURER                     | Micronas                                                                                                            |
| DESCRIPTION                      | SENSOR LINEAR ANALOG TO92-3                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| QUANTITY AVAILABLE               | 85394 pcs                                                                                                           |
| DATA SHEET                       |  <a href="#">HAL1820UA-A.pdf</a> |
| VOLTAGE - SUPPLY                 | 4.5 V ~ 5.5 V                                                                                                       |
| TECHNOLOGY                       | Hall Effect                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | TO-92-3                                                                                                             |
| SERIES                           | HAL®1820                                                                                                            |
| SENSING RANGE                    | ±20mT ~ ±160mT                                                                                                      |
| RESOLUTION                       | 10 b                                                                                                                |
| PACKAGING                        | Tape & Box (TB)                                                                                                     |
| PACKAGE / CASE                   | TO-226-3, TO-92-3 (TO-226AA)                                                                                        |
| OUTPUT TYPE                      | Analog Voltage                                                                                                      |
| OTHER NAMES                      | HAL1820UA-ATB                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 170°C (TJ)                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                          |
| FEATURES                         | Selectable Scale                                                                                                    |
| DETAILED DESCRIPTION             | Hall Effect Sensor Single Axis TO-92-3                                                                              |
| CURRENT - SUPPLY (MAX)           | 10mA                                                                                                                |
| CURRENT - OUTPUT (MAX)           | 1mA                                                                                                                 |
| BANDWIDTH                        | 2.5kHz                                                                                                              |
| AXIS                             | Single                                                                                                              |

Related Tags

|                           |                                |                          |
|---------------------------|--------------------------------|--------------------------|
| Micronas HAL1820UA-A      | HAL1820UA-A Distributor        | HAL1820UA-A Supplier     |
| HAL1820UA-A Price         | HAL1820UA-A Pictures           | HAL1820UA-A Image        |
| HAL1820UA-A PDF Datasheet | HAL1820UA-A Download Datasheet | HAL1820UA-A Datasheet    |
| HAL1820UA-A Stock         | Buy HAL1820UA-A                | Buy Micronas HAL1820UA-A |
| Micronas HAL1820UA-A      | Micronas Supplier              | Micronas Distributor     |
| Micronas HAL1820UA-A      | Micronas GmbH HAL1820UA-A      | TDK Micronas HAL1820UA-A |

Related Products

|                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>HAL1565SU-A</b><br/>Manufacturers: Micronas<br/>Description: MAGNETIC SWITCH UNIPOLAR<br/>In stock: 309701 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>HAL1823UA-A</b><br/>Manufacturers: Micronas<br/>Description: SENSOR LINEAR ANALOG TO92<br/>In stock: 103658 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>HAL1566SU-A</b><br/>Manufacturers: Micronas<br/>Description: MAGNETIC SWITCH UNIPOLAR<br/>In stock: 280717 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>HAL1823SF-A</b><br/>Manufacturers: Micronas<br/>Description: SENSOR LINEAR ANALOG SOT89B<br/>In stock: 96468 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HAL1822UA-A</b><br/>Manufacturers: Micronas<br/>Description: SENSOR LINEAR ANALOG TO92<br/>In stock: 83697 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>HAL1566 UA</b><br/>Manufacturers: Micronas<br/>Description: TO92-UA<br/>In stock: 262863 pcs<br/><div>RFQ</div></div>                     |
| <div></div> <div><b>HAL1821SF-A</b><br/>Manufacturers: Micronas<br/>Description: SENSOR LINEAR ANALOG SOT89B<br/>In stock: 99622 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>HAL1565 UA</b><br/>Manufacturers: Micronas<br/>Description: TO92-UA<br/>In stock: 277011 pcs<br/><div>RFQ</div></div>                     |
| <div></div> <div><b>HAL1821UA-A</b><br/>Manufacturers: Micronas<br/>Description: SENSOR LINEAR ANALOG TO92<br/>In stock: 103428 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>HAL1820SF-A</b><br/>Manufacturers: Micronas<br/>Description: SENSOR LINEAR ANALOG SOT89B<br/>In stock: 32622 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>HAL1564SU-A</b><br/>Manufacturers: Micronas<br/>Description: MAGNETIC SWITCH UNIPOLAR<br/>In stock: 279575 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>HAL1822SF-A</b><br/>Manufacturers: Micronas<br/>Description: SENSOR LINEAR ANALOG SOT89B<br/>In stock: 84474 pcs<br/><div>RFQ</div></div> |