



STLM20W87F

|                     |                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STLM20W87F                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                               |
| Product description | SENSOR ANALOG -55C-130C SOT323-5                                                                                 |
| Datasheets:         |  <a href="#">STLM20W87F.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant     |
| Stock Condition     | 257415 pcs stock                                                                                                 |
| Ship From           | Hong Kong                                                                                                        |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                            |

REQUEST FOR QUOTATION

Specifications of STLM20W87F

|                                  |                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STLM20W87F                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                                 |
| DESCRIPTION                      | SENSOR ANALOG -55C-130C SOT323-5                                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| QUANTITY AVAILABLE               | 257415 pcs                                                                                                         |
| DATA SHEET                       |  <a href="#">STLM20W87F.pdf</a> |
| VOLTAGE - SUPPLY                 | 2.7 V ~ 5.5 V                                                                                                      |
| TEST CONDITION                   | 25°C (-55°C, 125°C ~ 130°C)                                                                                        |
| SUPPLIER DEVICE PACKAGE          | SOT-323-5                                                                                                          |
| SERIES                           | -                                                                                                                  |
| SENSOR TYPE                      | Analog, Local                                                                                                      |
| SENSING TEMPERATURE - REMOTE     | -                                                                                                                  |
| SENSING TEMPERATURE - LOCAL      | -55°C ~ 130°C                                                                                                      |
| RESOLUTION                       | 11.77mV/°C                                                                                                         |
| PACKAGING                        | Tape & Reel (TR)                                                                                                   |
| PACKAGE / CASE                   | 5-TSSOP, SC-70-5, SOT-353                                                                                          |
| OUTPUT TYPE                      | Analog Voltage                                                                                                     |
| OTHER NAMES                      | 497-5970-2                                                                                                         |
| OPERATING TEMPERATURE            | -55°C ~ 130°C                                                                                                      |
| MOUNTING TYPE                    | Surface Mount                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                         |
| FEATURES                         | Shutdown Mode                                                                                                      |
| DETAILED DESCRIPTION             | Temperature Sensor Analog, Local -55°C ~ 130°C 11.77mV/°C SOT-323-5                                                |
| ACCURACY - HIGHEST (LOWEST)      | ±1.5°C (±2.5°C)                                                                                                    |

Related Tags

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| STMicroelectronics STLM20W87F |                               |                                   |

Related Products

|                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                    |
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|  <div><b>STLQ015M15R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.5V 150MA SOT23-5<br/>In stock: 345286 pcs<br/><b>RFQ</b></div> |  <div><b>STLED25JR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC LED DRVR RGLTR DIM 12FLIPCHIP<br/>In stock: 23955 pcs<br/><b>RFQ</b></div>     |
|  <div><b>STLM75M2E</b><br/>Manufacturers: STMicroelectronics<br/>Description: SENSOR DIGITAL -55C-125C 8SO<br/>In stock: 118833 pcs<br/><b>RFQ</b></div>       |  <div><b>STLED524</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC MATRIX LED DISPL DVR 56CSP<br/>In stock: 35326 pcs<br/><b>RFQ</b></div>         |
|  <div><b>STLED325QTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC LED CTRL/DVR I2C ADV 32QFN<br/>In stock: 4273 pcs<br/><b>RFQ</b></div>      |  <div><b>STLM75M2F</b><br/>Manufacturers: STMicroelectronics<br/>Description: SENSOR DIGITAL -55C-125C 8SO<br/>In stock: 107989 pcs<br/><b>RFQ</b></div>        |
|  <div><b>STLQ015M18R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.8V 150MA SOT23-5<br/>In stock: 4273 pcs<br/><b>RFQ</b></div>   |  <div><b>STLQ015M12R</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG LINEAR 1.2V 150MA SOT23-5<br/>In stock: 139453 pcs<br/><b>RFQ</b></div>  |
|  <div><b>STLM20DD9F</b><br/>Manufacturers: STMicroelectronics<br/>Description: SENSOR ANALOG -40C-85C 4UDFN<br/>In stock: 274630 pcs<br/><b>RFQ</b></div>      |  <div><b>STLED32MAT-EVAL1</b><br/>Manufacturers: STMicroelectronics<br/>Description: BOARD EVALUATION FOR LED ARRAY<br/>In stock: 2196 pcs<br/><b>RFQ</b></div> |
|  <div><b>STLED316SMTR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC LED CTRL SERIAL 6DIGIT SO-24<br/>In stock: 50708 pcs<br/><b>RFQ</b></div>  |  <div><b>STLM75DS2F</b><br/>Manufacturers: STMicroelectronics<br/>Description: SENSOR DIGITAL -55C-125C 8MSOP<br/>In stock: 92871 pcs<br/><b>RFQ</b></div>      |