



DS87C520-QCL

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DS87C520-QCL                                                                                                         |
| Manufacturer/Brand: | Maxim Integrated                                                                                                     |
| Product description | IC MCU 8BIT 16KB OTP 44PLCC                                                                                          |
| Datasheets:         |  DS87C520-QCL.pdf                   |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of DS87C520-QCL

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DS87C520-QCL                                                                                         |
| MANUFACTURER                     | Maxim Integrated                                                                                     |
| DESCRIPTION                      | IC MCU 8BIT 16KB OTP 44PLCC                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                   |
| DATA SHEET                       |  DS87C520-QCL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 5.5 V                                                                                        |
| SUPPLIER DEVICE PACKAGE          | 44-PLCC (16.59x16.59)                                                                                |
| SPEED                            | 33MHz                                                                                                |
| SERIES                           | 87C                                                                                                  |
| RAM SIZE                         | 1K x 8                                                                                               |
| PROGRAM MEMORY TYPE              | OTP                                                                                                  |
| PROGRAM MEMORY SIZE              | 16KB (16K x 8)                                                                                       |
| PERIPHERALS                      | Power-Fail Reset, WDT                                                                                |
| PACKAGING                        | Tube                                                                                                 |
| PACKAGE / CASE                   | 44-LCC (J-Lead)                                                                                      |
| OTHER NAMES                      | DS87C520QCL                                                                                          |
| OSCILLATOR TYPE                  | External                                                                                             |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                      |
| NUMBER OF I/O                    | 32                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                   |
| EEPROM SIZE                      | -                                                                                                    |
| DETAILED DESCRIPTION             | 8051 87C Microcontroller IC 8-Bit 33MHz 16KB (16K x 8) OTP 44-PLCC (16.59x16.59)                     |
| DATA CONVERTERS                  | -                                                                                                    |
| CORE SIZE                        | 8-Bit                                                                                                |
| CORE PROCESSOR                   | 8051                                                                                                 |
| CONNECTIVITY                     | EBI/EMI, SIO, UART/USART                                                                             |
| BASE PART NUMBER                 | DS87C520                                                                                             |

Related Tags

|                               |                                 |                                   |
|-------------------------------|---------------------------------|-----------------------------------|
| Maxim Integrated DS87C520-QCL | DS87C520-QCL Distributor        | DS87C520-QCL Supplier             |
| DS87C520-QCL Price            | DS87C520-QCL Pictures           | DS87C520-QCL Image                |
| DS87C520-QCL PDF Datasheet    | DS87C520-QCL Download Datasheet | DS87C520-QCL Datasheet            |
| DS87C520-QCL Stock            | Buy DS87C520-QCL                | Buy Maxim Integrated DS87C520-QCL |
| Maxim Integrated DS87C520-QCL | Maxim Integrated Supplier       | Maxim Integrated Distributor      |
| Maxim Integrated DS87C520-QCL |                                 |                                   |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>DS87C520-MNL+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 40DIP<br/>In stock: 25 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>DS87C520-MCL+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 40DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>         |
| <div></div> <div><b>DS87C520-ENL+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44TQFP<br/>In stock: 14 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>DS87C520-QNL+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: 864 pcs<br/><div>RFQ</div></div>          |
| <div></div> <div><b>DS87C520-QCL+T&amp;R</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DS87C520-QNL+T&amp;R</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>DS87C520-QNL</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>DS87C520-MCL</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 40DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>          |
| <div></div> <div><b>DS87C520-ENL</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>DS87C520-QCL+</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: 21 pcs<br/><div>RFQ</div></div>           |
| <div></div> <div><b>DS87C520-QCL/T&amp;R</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 44PLCC<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>DS87C520-MNL</b><br/>Manufacturers: Maxim Integrated<br/>Description: IC MCU 8BIT 16KB OTP 40DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>          |