



XMOS

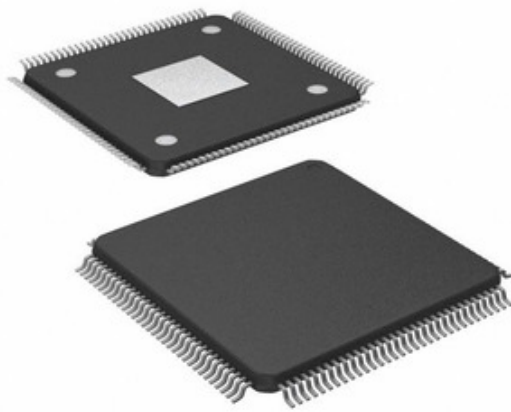


Image may be representation. See specifications for product details.

XEF216-256-TQ128-C20

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | XEF216-256-TQ128-C20                                                                                         |
| Manufacturer/Brand: | XMOS                                                                                                         |
| Product description | IC MCU 32BIT 2MB FLASH 128TQFP                                                                               |
|                     | <a href="#">PDF</a> 1.XEF216-256-TQ128-C20.pdf                                                               |
|                     | <a href="#">PDF</a> 2.XEF216-256-TQ128-C20.pdf                                                               |
| Datasheets:         |  Lead free / RoHS Compliant |
| RoHs Status         |                                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

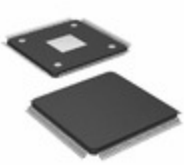
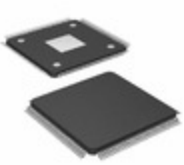
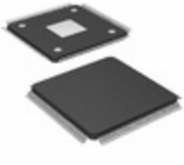
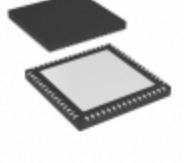
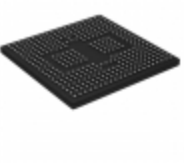
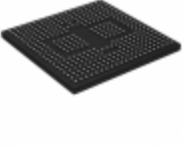
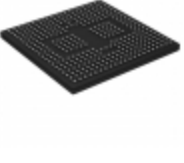
Specifications of XEF216-256-TQ128-C20

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XEF216-256-TQ128-C20                                                                             |
| MANUFACTURER                     | XMOS                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 128TQFP                                                                   |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| DATA SHEET                       | <a href="#">PDF</a> 1.XEF216-256-TQ128-C20.pdf<br><a href="#">PDF</a> 2.XEF216-256-TQ128-C20.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 0.95 V ~ 3.6 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 128-TQFP (14x14)                                                                                 |
| SPEED                            | 2000MIPS                                                                                         |
| SERIES                           | XEF                                                                                              |
| RAM SIZE                         | 256K x 8                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                            |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                     |
| PERIPHERALS                      | -                                                                                                |
| PACKAGING                        | Tray                                                                                             |
| PACKAGE / CASE                   | 128-TQFP Exposed Pad                                                                             |
| OTHER NAMES                      | 880-1098<br>XEF216-256-TQ128-C20-ND                                                              |
| OSCILLATOR TYPE                  | External                                                                                         |
| OPERATING TEMPERATURE            | 0°C ~ 70°C (TA)                                                                                  |
| NUMBER OF I/O                    | 67                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| EEPROM SIZE                      | -                                                                                                |
| DETAILED DESCRIPTION             | XCore XEF Microcontroller IC 32-Bit 16-Core 2000MIPS 2MB (2M x 8) FLASH 128-TQFP (14x14)         |
| DATA CONVERTERS                  | -                                                                                                |
| CORE SIZE                        | 32-Bit 16-Core                                                                                   |
| CORE PROCESSOR                   | XCore                                                                                            |
| CONNECTIVITY                     | RGMII, USB                                                                                       |

Related Tags

|                                    |                                         |                                |
|------------------------------------|-----------------------------------------|--------------------------------|
| XMOS XEF216-256-TQ128-C20          | XEF216-256-TQ128-C20 Distributor        | XEF216-256-TQ128-C20 Supplier  |
| XEF216-256-TQ128-C20 Price         | XEF216-256-TQ128-C20 Pictures           | XEF216-256-TQ128-C20 Image     |
| XEF216-256-TQ128-C20 PDF Datasheet | XEF216-256-TQ128-C20 Download Datasheet | XEF216-256-TQ128-C20 Datasheet |
| XEF216-256-TQ128-C20 Stock         | Buy XEF216-256-TQ128-C20                | Buy XMOS XEF216-256-TQ128-C20  |
| XMOS XEF216-256-TQ128-C20          | XMOS Supplier                           | XMOS Distributor               |
| XMOS XEF216-256-TQ128-C20          |                                         |                                |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>XEF216-512-TQ128-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 128TQFP<br/>In stock: Out stock<br/>RFQ</div>                             |  <div><b>XEF216-512-TQ128-C20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 128TQFP<br/>In stock: 249 pcs<br/>RFQ</div>                         |
|  <div><b>XEF216-256-TQ128-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 128TQFP<br/>In stock: Out stock<br/>RFQ</div>                             |  <div><b>XEF216-256-FB236-C20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: Out stock<br/>RFQ</div>                       |
|  <div><b>XEF216-256-FB236-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: Out stock<br/>RFQ</div>                             |  <div><b>MKL17Z256VMP4R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS KL17: 48MHZ CORTEX-M0+ U<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>XEF216-512-FB236-C20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: 156 pcs<br/>RFQ</div>                               |  <div><b>XEF216-512-FB236-I20</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 236FBGA<br/>In stock: Out stock<br/>RFQ</div>                       |
|  <div><b>DSPIC33EP512GM706T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64QFN<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>XEF232-512-FB374-C40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: Out stock<br/>RFQ</div>                       |
|  <div><b>XEF232-1024-FB374-I40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: Out stock<br/>RFQ</div>                            |  <div><b>XEF232-1024-FB374-C40</b><br/>Manufacturers: XMOS<br/>Description: IC MCU 32BIT 2MB FLASH 374FBGA<br/>In stock: 36 pcs<br/>RFQ</div>                         |