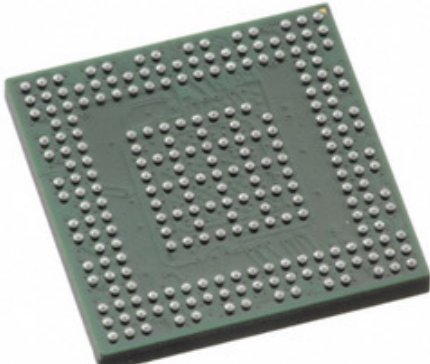




Xmos



XEF216-512-FB236-I20

Part Number:
XEF216-512-FB236-I20

Manufacturer/Brand:
Xmos

Product description
IC MCU 32BIT 2MB FLASH 236FBGA


1.XEF216-512-FB236-I20.pdf


2.XEF216-512-FB236-I20.pdf


3.XEF216-512-FB236-I20.pdf

Datasheets:

RoHs Status


Lead free / RoHS Compliant

Ship From
Hong Kong

Shipment Way
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

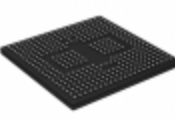
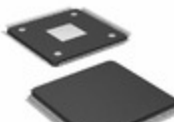
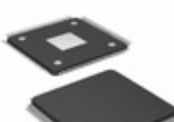
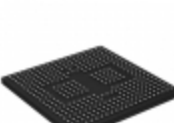
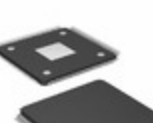
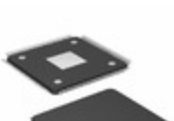
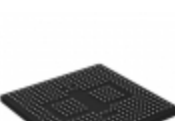
Specifications of XEF216-512-FB236-I20

|                                  |                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | XEF216-512-FB236-I20                                                                                                                                                                                                                                                                                                                                                                |
| MANUFACTURER                     | Xmos                                                                                                                                                                                                                                                                                                                                                                                |
| DESCRIPTION                      | IC MCU 32BIT 2MB FLASH 236FBGA                                                                                                                                                                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       | <div>  1.XEF216-512-FB236-I20.pdf </div> <div>  2.XEF216-512-FB236-I20.pdf </div> <div>  3.XEF216-512-FB236-I20.pdf </div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 0.95 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                      |
| SUPPLIER DEVICE PACKAGE          | 236-FBGA (10x10)                                                                                                                                                                                                                                                                                                                                                                    |
| SPEED                            | 2000MIPS                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | XEF                                                                                                                                                                                                                                                                                                                                                                                 |
| RAM SIZE                         | 512K x 8                                                                                                                                                                                                                                                                                                                                                                            |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY SIZE              | 2MB (2M x 8)                                                                                                                                                                                                                                                                                                                                                                        |
| PERIPHERALS                      | -                                                                                                                                                                                                                                                                                                                                                                                   |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGE / CASE                   | 236-LFBGA                                                                                                                                                                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | External                                                                                                                                                                                                                                                                                                                                                                            |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 73                                                                                                                                                                                                                                                                                                                                                                                  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER STANDARD LEAD TIME  | 12 Weeks                                                                                                                                                                                                                                                                                                                                                                            |
| 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 236-FBGA (10x10)                                                                                                                                                                                                                                                                                            |
| DATA CONVERTERS                  | -                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 32-Bit 16-Core                                                                                                                                                                                                                                                                                                                                                                      |
| CORE PROCESSOR                   | XCore                                                                                                                                                                                                                                                                                                                                                                               |
| CONNECTIVITY                     | RGMII, USB                                                                                                                                                                                                                                                                                                                                                                          |

Related Tags

|                                    |                                         |                                |
|------------------------------------|-----------------------------------------|--------------------------------|
| Xmos XEF216-512-FB236-I20          | XEF216-512-FB236-I20 Distributor        | XEF216-512-FB236-I20 Supplier  |
| XEF216-512-FB236-I20 Price         | XEF216-512-FB236-I20 Pictures           | XEF216-512-FB236-I20 Image     |
| XEF216-512-FB236-I20 PDF Datasheet | XEF216-512-FB236-I20 Download Datasheet | XEF216-512-FB236-I20 Datasheet |
| XEF216-512-FB236-I20 Stock         | Buy XEF216-512-FB236-I20                | Buy Xmos XEF216-512-FB236-I20  |
| Xmos XEF216-512-FB236-I20          | Xmos Supplier                           | Xmos Distributor               |
| Xmos XEF216-512-FB236-I20          |                                         |                                |

Related Products

|                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>  </div> <div> <b>XEF216-256-FB236-I20</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 236FBGA </div> <div> In stock: Out stock </div> <div> RFQ </div>                  | <div>  </div> <div> <b>XEF232-1024-FB374-I40</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 374FBGA </div> <div> In stock: Out stock </div> <div> RFQ </div>                  |
| <div>  </div> <div> <b>XEF216-512-TQ128-I20</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 128TQFP </div> <div> In stock: Out stock </div> <div> RFQ </div>                  | <div>  </div> <div> <b>XEF216-256-FB236-C20</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 236FBGA </div> <div> In stock: Out stock </div> <div> RFQ </div>                   |
| <div>  </div> <div> <b>XEF216-256-TQ128-I20</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 128TQFP </div> <div> In stock: Out stock </div> <div> RFQ </div>                  | <div>  </div> <div> <b>XEF216-512-FB236-C20</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 236FBGA </div> <div> In stock: 156 pcs </div> <div> RFQ </div>                     |
| <div>  </div> <div> <b>XEF232-1024-FB374-C40</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 374FBGA </div> <div> In stock: 36 pcs </div> <div> RFQ </div>                    | <div>  </div> <div> <b>XEF216-512-TQ128-C20</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 128TQFP </div> <div> In stock: 249 pcs </div> <div> RFQ </div>                     |
| <div>  </div> <div> <b>XEF216-256-TQ128-C20</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 128TQFP </div> <div> In stock: Out stock </div> <div> RFQ </div>                  | <div>  </div> <div> <b>PIC16C65BT-04I/PQ</b> </div> <div> Manufacturers: Micrel / Microchip Technology </div> <div> Description: IC MCU 8BIT 7KB OTP 44MQFP </div> <div> In stock: Out stock </div> <div> RFQ </div> |
| <div>  </div> <div> <b>MB90594GHFP-GS-171E1</b> </div> <div> Manufacturers: Cypress Semiconductor </div> <div> Description: IC MCU 16BIT 256KB MROM 100QFP </div> <div> In stock: Out stock </div> <div> RFQ </div> | <div>  </div> <div> <b>XEF232-512-FB374-C40</b> </div> <div> Manufacturers: Xmos </div> <div> Description: IC MCU 32BIT 2MB FLASH 374FBGA </div> <div> In stock: Out stock </div> <div> RFQ </div>                   |