

C88F85D0AU-TC-H



ON Semiconductor® 

Part Number: C88F85D0AU-TC-H

Manufacturer: AMI Semiconductor / ON Semiconductor

Description: IC MCU 16BIT 256KB FLASH 120TQFP

Data sheet:  [LC88F85D0A](#)

RoHs Status: Lead free / RoHS Compliant

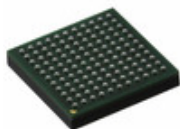
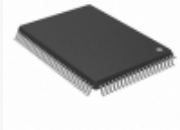
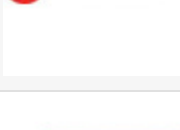
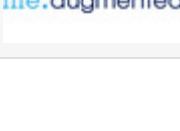
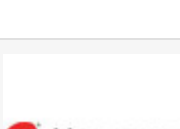
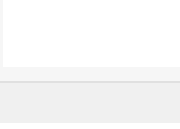
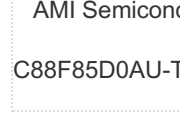
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                    |                                  |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C88F85D0AU-TC-H                                                    | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC MCU 16BIT 256KB FLASH 120TQFP                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 10197 pcs                                                          | Data sheet                       | <a href="#">LC88F85D0A</a>                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 2 V ~ 5.5 V                                          |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10MHz                                                              | Series                           | -                                                    |
| RAM Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8K x 8                                                             | Program Memory Type              | FLASH                                                |
| Program Memory Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 256KB (256K x 8)                                                   | Peripherals                      | LCD, WDT                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Tray                                                               | Package / Case                   | 120-TQFP                                             |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Internal                                                           | Operating Temperature            | -20°C ~ 75°C (TA)                                    |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 20                                                                 | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Lead free / RoHS Compliant                                         | EEPROM Size                      | -                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Xstormy16 - Microcontroller IC 16-Bit 10MHz 256KB (256K x 8) FLASH | Data Converters                  | A/D 12x12b                                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 16-Bit                                                             | Core Processor                   | Xstormy16                                            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | I²C, SIO, UART/USART                                               | Base Part Number                 | LC88F85D0A                                           |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                                     |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MK10DX256VML7</a><br>Description: IC MCU 32BIT 256KB FLASH 121BGA     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MB90F022CPF-GS-9235E1</a><br>Description: IC MCU MICOM FLASH 100QFP   | Manufacturers: <a href="#">Cypress Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">SPC5748GSK1MMN6</a><br>Description: IC MCU 32BIT 6MB FLASH 324MAPBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">FS32K144HFT0MLLR</a><br>Description: S32K144 32-BIT MCU ARM CORTEX-M  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">STM8AL3148TCX</a><br>Description: IC MCU 8BIT 16KB FLASH 48LQFP       | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">PIC16C67T-04/L</a><br>Description: IC MCU 8BIT 14KB OTP 44PLCC        | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">STM32L452REI6</a><br>Description: IC MCU 32BIT 512KB FLASH 64UFBGA    | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">ST72F321BR7T6TR</a><br>Description: IC MCU 8BIT 48KB FLASH 64LQFP     | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33EP128MU506-IMR</a><br>Description: IC DSC 16BIT 128KB FLASH    | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">TS87C54X2-VCB</a><br>Description: IC MCU 8BIT 16KB OTP 44PLCC         | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">C8051F588-IMR</a><br>Description: IC MCU 8BIT 128KB FLASH 40QFN       | Manufacturers: <a href="#">Energy Micro (Silicon Labs)</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">LPC1102UK,118</a><br>Description: IC MCU 32BIT 32KB FLASH 16WLCSP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">MB89665RPF-GT-174-BND</a><br>Description: IC MCU 8BIT 16KB MROM 64QFP | Manufacturers: <a href="#">Cypress Semiconductor</a>                | <div>RFQ</div> |
|  | Part#: <a href="#">SPC560B40L3B3EDX</a><br>Description: IC MCU 32BIT 256KB FLASH 100LQFP | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">TS80C51RD2-VIB</a><br>Description: IC MCU 8BIT ROMLESS 44PLCC         | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">STM32L151ZDT6</a><br>Description: IC MCU 32BIT 384KB FLASH 144LQFP    | Manufacturers: <a href="#">STMicroelectronics</a>                   | <div>RFQ</div> |
|  | Part#: <a href="#">R5F10Y14ASP#V0</a><br>Description: IC MCU 16BIT 1KB FLASH 10LSSOP     | Manufacturers: <a href="#">Renesas Electronics America</a>          | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF27K42T-I/SO</a><br>Description: IC MCU 8BIT 128KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">MC68332GCAG16</a><br>Description: IC MCU 32BIT ROMLESS 144LQFP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>       | <div>RFQ</div> |
|  | Part#: <a href="#">C88F83B0AU-TC-H</a><br>Description: IC MCU 16BIT 128KB FLASH 120TQFP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for C88F85D0AU-TC-H

|                                        |                                      |                                           |                                            |
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