

LM3S6730-IBZ50-A2T



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Part Number: [LM3S6730-IBZ50-A2T](#)

Manufacturer: N/A

Description: IC MCU 32BIT 128KB FLASH 108BGA

Data sheet:

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                                                                                                                                                                                                                                                                                                                                                                                                                   | LM3S6730-IBZ50-A2T                                                                                                      | Manufacturer                    | N/A                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                   | IC MCU 32BIT 128KB FLASH 108BGA                                                                                         | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                            | 4595 pcs                                                                                                                | Data sheet                      |                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                      | <a href="#">Integrated Circuits (ICs)</a>                                                                               | Voltage - Supply (Vcc/Vdd)      | 2.25 V ~ 2.75 V            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                       | 108-BGA (10x10)                                                                                                         | Speed                           | 50MHz                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                        | Stellaris® ARM® Cortex®-M3S 6000                                                                                        | RAM Size                        | 64K x 8                    |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                           | FLASH                                                                                                                   | Program Memory Size             | 128KB (128K x 8)           |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                   | Brown-out Detect/Reset, POR, PWM, WDT                                                                                   | Packaging                       | Tape & Reel (TR)           |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                | 108-LFBGA                                                                                                               | Oscillator Type                 | Internal                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                         | -40°C ~ 85°C (TA)                                                                                                       | Number of I/O                   | 46                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                              | 3 (168 Hours)                                                                                                           | Manufacturer Standard Lead Time | 20 Weeks                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                | Lead free / RoHS Compliant                                                                                              | EEPROM Size                     | -                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                          | ARM® Cortex®-M3 Stellaris® ARM® Cortex®-M3S 6000 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 108-BGA (10x10) | Data Converters                 | -                          |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                     | 32-Bit                                                                                                                  | Core Processor                  | ARM® Cortex®-M3            |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                  | Ethernet, IrDA, Microwire, SPI, SSI, UART/USART                                                                         | Base Part Number                | LM3S6730                   |
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| RELATED PRODUCTS                                                                   |                                                                                            |                                    |                |
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|  | Part#: <a href="#">LM3S6730-EQC50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6816-IQC50-A2T</a><br>Description: IC MCU ARM CORTX 100LQFP         | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6637-IQC50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6753-EQC50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6730-IBZ50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 108BGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6753-EQC50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6753-IBZ50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 108BGA  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6730-IQC50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6730-EQC50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6637-EQC50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6633-IQC50-A2T</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6753-IBZ50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 108BGA   | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6816-IQC50-A2</a><br>Description: IC MCU ARM CORTX 100LQFP          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">LM3S6730-IQC50-A2</a><br>Description: IC MCU 32BIT 128KB FLASH 100LQFP  | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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