**STMicroelectronics**

## STM32F730Z8T6

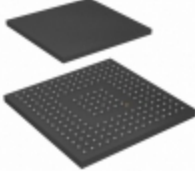| | |
|---|---|
| Part Number: | STM32F730Z8T6 |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | HIGH-PERFORMANCE & DSP W/FPU ARM |
| Datasheets: | 📄 1.STM32F730Z8T6.pdf |
| | 📄 2.STM32F730Z8T6.pdf |
| | 📄 3.STM32F730Z8T6.pdf |
| Stock Condition | 16553 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

## Specifications of STM32F730Z8T6

| | |
|---|---|
| PART NUMBER | STM32F730Z8T6 |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | HIGH-PERFORMANCE & DSP W/FPU ARM |
| LEAD FREE STATUS / ROHS STATUS | |
| QUANTITY AVAILABLE | 16553 pcs |
| DATA SHEET | 📄 1.STM32F730Z8T6.pdf |
| | 📄 2.STM32F730Z8T6.pdf |
| | 📄 3.STM32F730Z8T6.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 1.7 V ~ 3.6 V |
| SUPPLIER DEVICE PACKAGE | 144-LQFP (20x20) |
| SPEED | 216MHz |
| SERIES | STM32F7 |
| RAM SIZE | 256K x 8 |
| PROGRAM MEMORY TYPE | FLASH |
| PROGRAM MEMORY SIZE | 64KB (64K x 8) |
| PERIPHERALS | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT |
| PACKAGING | Tray |
| PACKAGE / CASE | 144-LQFP |
| OTHER NAMES | 497-18105 |
| OSCILLATOR TYPE | Internal |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF I/O | 112 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| EEPROM SIZE | - |
| DETAILED DESCRIPTION | ARM® Cortex®-M7 STM32F7 Microcontroller IC 32-Bit 216MHz 64KB (64K x 8) FLASH 144-LQFP (20x20) |
| DATA CONVERTERS | A/D 24x12b, D/A 2x12b |
| CORE SIZE | 32-Bit |
| CORE PROCESSOR | ARM® Cortex®-M7 |
| CONNECTIVITY | CANbus, EBI/EMI, I²C, IrDA, LINbus, MMC/SD, QSPI, SAI, SPI, UART/USART, USB |

## Related Tags

| | | |
|---|---|---|
| STMicroelectronics STM32F730Z8T6 | STM32F730Z8T6 Distributor | STM32F730Z8T6 Supplier |
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| STM32F730Z8T6 PDF Datasheet | STM32F730Z8T6 Download Datasheet | STM32F730Z8T6 Datasheet |
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| STMicroelectronics STM32F730Z8T6 | STMicroelectronics Supplier | STMicroelectronics Distributor |
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## Related Products

**STM32F723ZEI6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 144BGA
In stock: 6741 pcs
**RFQ**

**STM32F732RET6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 64LQFP
In stock: 11975 pcs
**RFQ**

**STM32F730V8T6**
Manufacturers: STMicroelectronics
Description: HIGH-PERFORMANCE & DSP W/FPU ARM
In stock: 15000 pcs
**RFQ**

**STM32F732ZET6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 144LQFP
In stock: 11322 pcs
**RFQ**

**STM32F732IET6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 176LQFP
In stock: 7336 pcs
**RFQ**

**STM32F723ZET6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 144LQFP
In stock: 7550 pcs
**RFQ**

**STM32F733IEK6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 176BGA
In stock: 11734 pcs
**RFQ**

**STM32F730I8K6**
Manufacturers: STMicroelectronics
Description: HIGH-PERFORMANCE & DSP W/FPU ARM
In stock: 11580 pcs
**RFQ**

**STM32F732VET6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 100LQFP
In stock: 11983 pcs
**RFQ**

**STM32F730R8T6**
Manufacturers: STMicroelectronics
Description: HIGH-PERFORMANCE & DSP W/FPU ARM
In stock: 20662 pcs
**RFQ**

**STM32F723ZCT6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 256KB FLASH144LQFP
In stock: 10572 pcs
**RFQ**

**STM32F732IEK6**
Manufacturers: STMicroelectronics
Description: IC MCU 32BIT 512KB FLASH 176BGA
In stock: 8172 pcs
**RFQ**