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See specifications for product details.



PIC32MX150F128DT-I/PT

Manufacturer Part Number **PIC32MX150F128DT-I/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-PIC32MX150F128DT-I/PT**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC MCU 32BIT 128KB FLASH 44TQFP**

Package **44-TQFP**

Data sheet **PIC32MX1xx/2xx 28/36/44-PIN.pdf**

PIC32MX1xx/2xx 28/36/44-PIN.pdf

RoHs Status **ROHS3 Compliant**

Get a Quote

PIC32MX150F128DT-I/PT - Microchip Technology. New Original in Stock. Download Linear Technology PIC32MX150F128DT-I/PT datasheet/specifications on AllelcoElec.com.

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Specifications

PIC32MX150F128DT-I/PT Tech Specifications

PIC32MX150F128DT-I/PT - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Oscillator Type	Internal
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package	44-TQFP (10x10)	Number of I/O	35
Speed	40MHz	Mounting Type	Surface Mount
Series	PIC® 32MX	EEPROM Size	-
RAM Size	32K x 8	Data Converters	A/D 13x10b
Program Memory Type	FLASH	Core Size	32-Bit Single-Core
Program Memory Size	128KB (128K x 8)	Core Processor	MIPS32® M4K™
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART
Package / Case	44-TQFP	Base Product Number	PIC32MX150
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology PIC32MX150F128DT-I/PT

Product Attribute				
Part Number	PIC32MX150F128DT-I/PT	PIC32MX150F128D-I/ML	PIC32MX170F256B-50I/SS	PIC32MX150F256L-I/PF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Core Size	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core	32-Bit Single-Core
Voltage - Supply (Vcc/Vdd)	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V	2.3V ~ 3.6V
Peripherals	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
Core Processor	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™	MIPS32® M4K™
Package / Case	44-TQFP	44-VQFN Exposed Pad	28-SSOP (0.209", 5.30mm Width)	100-TQFP
Base Product Number	PIC32MX150	PIC32MX150	PIC32MX170	PIC32MX150
Speed	40MHz	40MHz	50MHz	40MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Connectivity	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART	I²C, IrDA, LINbus, SPI, UART/USART	I²C, IrDA, LINbus, PMP, SPI, UART/USART
Oscillator Type	Internal	Internal	Internal	Internal
EEPROM Size	-	-	-	-
Supplier Device Package	44-TQFP (10x10)	44-QFN (8x8)	28-SSOP	100-TQFP (14x14)
Data Converters	A/D 13x10b	A/D 13x10b	A/D 10x10b	A/D 48x10b
Program Memory Size	128KB (128K x 8)	128KB (128K x 8)	256KB (256K x 8)	256KB (256K x 8)
Series	PIC® 32MX	PIC® 32MX	PIC® 32MX	PIC® 32MX
Package	Tape & Reel (TR)	Tube	Tube	Tray
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
RAM Size	32K x 8	32K x 8	64K x 8	32K x 8
Number of I/O	35	35	21	85
Program Memory Type	FLASH	FLASH	FLASH	FLASH

PIC32MX150F128DT-I/PT Datasheet PDF

Download PIC32MX150F128DT-I/PT pdf datasheets and Microchip Technology documentation for PIC32MX150F128DT-I/PT - Microchip Technology.

Datasheets



PIC32MX1xx/2xx 28/36/44-PIN.pdf

PCN Packaging

Packing Changes 10/Oct/2016.pdf

Reel Design Update 07/May/2015.pdf

HTML Datasheet

PIC32MX1xx/2xx 28/36/44-PIN.pdf

PCN Design/Specification


PIC32MX1XX/2XX 01/Oct/2019.pdf

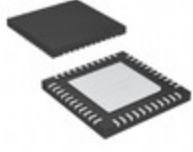

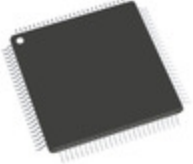

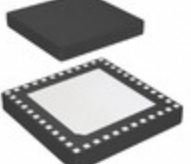

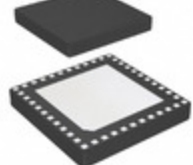

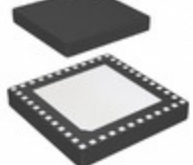
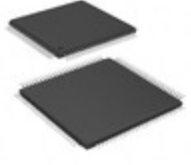







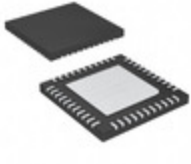
PCN Assembly/Origin

Bond Wire 12/Feb/2020.pdf

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Recommended Products



 PIC32MX150F128D-I/ML Microchip Technology IC MCU 32BIT 128KB FLASH 44QFN	 PIC32MX170F256B-50I/SS Microchip Technology IC MCU 32BIT 256KB FLASH 28SSOP	 PIC32MX150F256L-I/PF Microchip Technology IC MCU 32BIT 256KB FLASH 100TQFP	 PIC32MX170F256D-I/PT Microchip Technology IC MCU 32BIT 256KB FLASH 44TQFP	 PIC32MX150F128DT-I/TL Microchip Technology IC MCU 32BIT 128KB FLASH 44VTLA	 PIC32MX150F128B-I/SO Microchip Technology IC MCU 32BIT 128KB FLASH 28SOIC
 PIC32MX170F256D-I/TL Microchip Technology IC MCU 32BIT 256KB FLASH 44VTLA	 PIC32MX150F128BT-I/SS Microchip Technology IC MCU 32BIT 128KB FLASH 28SSOP	 PIC32MX150F128D-I/TL Microchip Technology IC MCU 32BIT 128KB FLASH 44VTLA	 PIC32MX150F256L-I/PT Microchip Technology IC MCU 32BIT 256KB FLASH 100TQFP	 PIC32MX150F128D-V/PT Microchip Technology IC MCU 32BIT 128KB FLASH 44TQFP	 PIC32MX150F256H-I/PT Microchip Technology IC MCU 32BIT 256KB FLASH 64TQFP
 PIC32MX150F256H-50I/PT Microchip Technology IC MCU 32BIT 256KB FLASH 64TQFP	 PIC32MX150F128B-I/SP Microchip Technology IC MCU 32BIT 128KB FLASH 28SPDIP	 PIC32MX150F128B-I/SS Microchip Technology IC MCU 32BIT 128KB FLASH 28SSOP	 PIC32MX150F128D-I/PT Microchip Technology IC MCU 32BIT 128KB FLASH 44TQFP	 PIC32MX150F128D-50I/PT Microchip Technology IC MCU 32BIT 128KB FLASH 44TQFP	 PIC32MX150F128DT-I/ML Microchip Technology IC MCU 32BIT 128KB FLASH 44QFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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