

DSPIC33CK64MP208-I/PT

DSPIC33CK64MP208-I/PT Information

| www.heisener.com | DSPIC33CK64MP208-I/PT Microchip Technology Integrated Circuits (ICs) Embedded - Microcontrollers 16 BIT DSC, 64KB FLASH, 8KB RAM, 80-TQFP For the pricing/inventory/lead time, please contact | |
|--------------------|---|-----------------|
| For Reference Only | us Website: https://www.heisener.com E-mail: salesdept@heisener.com | Request a Quote |

Certified Quality

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DSPIC33CK64MP208-I/PT Specifications

| ManufacturerMicrochip TechnologyManufacturerMicrochip TechnologyIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-TQFPSeriesdsPIC ^{TA} 33CKCore ProcessordsPICCore Size16-BitSpeed100MHzConnectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFPSupplier Device Package80-TQFP (12x12) | | | | |
|--|----------------------------|--|--|--|
| CategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage80-TQFPSeriesdsPIC TM 33CKCore ProcessordsPICCore Size16-BitSpeed100MHzConnectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Pergram Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFP (12x12) | Manufacturer Part Number | DSPIC33CK64MP208-I/PT | | |
| Embedded - MicrocontrollersPackage80-TQFPSeriesdsPIC TM 33CKCore ProcessordsPICCore Size16-BitSpeed100MHzConnectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)PerpM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFP (12x12) | Manufacturer | Microchip Technology | | |
| Package80-TQFPSeriesdsPICTM 33CKCore ProcessordsPICCore Size16-BitSpeed100MHzConectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)PEROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersAnD 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Category | Integrated Circuits (ICs) | | |
| SeriesdsPIC TM 33CKCore ProcessordsPICCore Size16-BitSpeed100MHzConnectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type50-TQFPPackage / Case80-TQFP (12x12) | | Embedded - Microcontrollers | | |
| Core ProcessordsPICCore Size16-BitSpeed100MHzConnectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-Nuftige - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersAD 24x12b, D/A 3x12bOscillator Type-Operating Temperature-Program Generature-Program Syste-Suppler Device Package80-TQFP (12x12) | Package | 80-TQFP | | |
| Core Size16-BitSpeed100MHzConnectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Package / Case80-TQFP (12x12) | Series | dsPIC TM 33CK | | |
| Speed100MHzConnectivityFC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator Type-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFP (12x12) | Core Processor | dsPIC | | |
| ConnectivityPC, IrDA, LINbus, SPI, UART/USARTPeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Core Size | 16-Bit | | |
| PeripheralsBrown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDTNumber of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFP (12x12) | Speed | 100MHz | | |
| Number of I/O69Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFP (12x12) | Connectivity | I ² C, IrDA, LINbus, SPI, UART/USART | | |
| Program Memory Size64KB (64K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFP (12x12) | Peripherals | Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, QEI, WDT | | |
| Program Memory TypeFLASHEEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFP<(12x12) | Number of I/O | 69 | | |
| EEPROM Size-RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Program Memory Size | 64KB (64K x 8) | | |
| RAM Size8K x 8Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Program Memory Type | FLASH | | |
| Voltage - Supply (Vcc/Vdd)3 V ~ 3.6 VData ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | EEPROM Size | - | | |
| Data ConvertersA/D 24x12b, D/A 3x12bOscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | RAM Size | 8K x 8 | | |
| Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V | | |
| Operating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Data Converters | A/D 24x12b, D/A 3x12b | | |
| Mounting Type-Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Oscillator Type | Internal | | |
| Package / Case80-TQFPSupplier Device Package80-TQFP (12x12) | Operating Temperature | -40°C ~ 85°C (TA) | | |
| Supplier Device Package80-TQFP (12x12) | Mounting Type | - | | |
| | Package / Case | 80-TQFP | | |
| Report errors' | Supplier Device Package | 80-TQFP (12x12) | | |
| | | Report errors? | | |

DSPIC33CK64MP208-I/PT Guarantees



Quality Guarantees

We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DSPIC33CK64MP208-I/PT Payment Methods



If you have any question about DSPIC33CK64MP208-I/PT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com