

PIC32MZ2048ECG144-I/PL Information


For Reference Only

Part Number [PIC32MZ2048ECG144-I/PL](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 32BIT 2MB FLASH 144LQFP
Package 144-LQFP
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


PIC32MZ2048ECG144-I/PL Specifications

Manufacturer Part Number	PIC32MZ2048ECG144-I/PL
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	144-LQFP
Series	PIC [?] 32MZ
Core Processor	MIPS32 [?] microAptiv [?]
Core Size	32-Bit
Speed	200MHz
Connectivity	EBI/EMI, Ethernet, I2C, SPI, SQI, UART/USART, USB OTG
Peripherals	Brown-out Detect/Reset, DMA, I2S, POR, PWM, WDT
Number of I/O	120
Program Memory Size	2MB (2M x 8)
Program Memory Type	FLASH
EEPROM Size	-
RAM Size	512K x 8
Voltage - Supply (Vcc/Vdd)	2.3 V ~ 3.6 V
Data Converters	A/D 48x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	-
Package / Case	144-LQFP
Supplier Device Package	144-LQFP (20x20)

[Report errors?](#)

PIC32MZ2048ECG144-I/PL 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.

PIC32MZ2048ECG144-I/PL Payment Methods



PIC32MZ2048ECG144-I/PL Shipping Methods



If you have any question about PIC32MZ2048ECG144-I/PL, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com