

PIC12LC508AT-04/SM

PIC12LC508AT-04/SM Information



For Reference Only

Part Number PIC12LC508AT-04/SM

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

Description IC MCU 8BIT 768B OTP 8SOIJ

Package 8-SOIC (0.209", 5.30mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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PIC12LC508AT-04/SM Specifications

Manufacturer Part Number PIC12LC508AT-04/SM Manufacturer Microchip Technology Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 8-SOIC (0.209", 5.30mm Width) Series PIC? 12C Core Processor PIC Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 5 Program Memory Size 768B (512 x 12) Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIU	•	
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Core Processor PIC Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 5 Program Memory Size 768B (512 x 12) Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Package	8-SOIC (0.209", 5.30mm Width)
Core Size 8-Bit Speed 4MHz Connectivity - Peripherals POR, WDT Number of I/O 5 Program Memory Size 768B (512 x 12) Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Series	PIC? 12C
Speed4MHzConnectivity-PeripheralsPOR, WDTNumber of I/O5Program Memory Size768B (512 x 12)Program Memory TypeOTPEEPROM Size-RAM Size25 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIJ	Core Processor	PIC
Connectivity Peripherals POR, WDT Number of I/O 5 Program Memory Size Program Memory Type OTP EEPROM Size RAM Size Voltage - Supply (Vcc/Vdd) Data Converters Oscillator Type Internal Operating Temperature Mounting Type Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package	Core Size	8-Bit
Peripherals Number of I/O 5 Program Memory Size 768B (512 x 12) Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package	Speed	4MHz
Number of I/O5Program Memory Size768B (512 x 12)Program Memory TypeOTPEEPROM Size-RAM Size25 x 8Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIJ	Connectivity	-
Program Memory Size Program Memory Type OTP EEPROM Size - RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package	Peripherals	POR, WDT
Program Memory Type EEPROM Size RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) Data Converters Oscillator Type Internal Operating Temperature Operating Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package	Number of I/O	5
EEPROM Size - 25 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Coscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Program Memory Size	768B (512 x 12)
RAM Size 25 x 8 Voltage - Supply (Vcc/Vdd) 2.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd)2.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case8-SOIC (0.209", 5.30mm Width)Supplier Device Package8-SOIJ	EEPROM Size	-
Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	RAM Size	25 x 8
Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Voltage - Supply (Vcc/Vdd)	2.5 V ~ 5.5 V
Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Data Converters	-
Mounting Type - Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Oscillator Type	Internal
Package / Case 8-SOIC (0.209", 5.30mm Width) Supplier Device Package 8-SOIJ	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 8-SOIJ	Mounting Type	-
	Package / Case	8-SOIC (0.209", 5.30mm Width)
Report errors?	Supplier Device Package	8-SOIJ
		Report errors?

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