

P89V660FA,512 Information

Part Number P89V660FA,512

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

Description IC MCU 8BIT 16KB FLASH 44PLCC

Package 44-LCC (J-Lead)

For the pricing/inventory/lead time, please contact

us

For Reference Only

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.









P89V660FA,512 Specifications

Manufacturer Part Number P89V660FA,512 Manufacturer NXP Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 44-LCC (J-Lead) Series 89V Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature 4.0°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-LCC (J-Lead)	*	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 44-LCC (J-Lead) Series 89V Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Manufacturer Part Number	P89V660FA,512
Package 44-LCC (J-Lead) Series 89V Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Manufacturer	NXP
Package 44-LCC (J-Lead) Series 89V Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Category	Integrated Circuits (ICs)
Series 89V Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)		Embedded - Microcontrollers
Core Processor 8051 Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Package	44-LCC (J-Lead)
Core Size 8-Bit Speed 40MHz Connectivity 12C, SPI, UART/USART Peripherals POR, PWM, WDT Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Series	89V
Speed40MHzConnectivity12C, SPI, UART/USARTPeripheralsPOR, PWM, WDTNumber of I/O36Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LCC (J-Lead)Supplier Device Package44-PLCC (16.59x16.59)	Core Processor	8051
ConnectivityI2C, SPI, UART/USARTPeripheralsPOR, PWM, WDTNumber of I/O36Program Memory Size16KB (16K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size512 x 8Voltage - Supply (Vcc/Vdd)4.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature-40°C ~ 85°C (TA)Mounting Type-Package / Case44-LCC (J-Lead)Supplier Device Package44-PLCC (16.59x16.59)	Core Size	8-Bit
Peripherals Number of I/O 36 Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type Internal Operating Temperature 4-40°C ~ 85°C (TA) Mounting Type - Package / Case Supplier Device Package 44-PLCC (16.59x16.59)	Speed	40MHz
Number of I/O Program Memory Size 16KB (16K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package	Connectivity	I2C, SPI, UART/USART
Program Memory Size Program Memory Type FLASH EEPROM Size - RAM Size S12 x 8 Voltage - Supply (Vcc/Vdd) A.5 V ~ 5.5 V Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package	Peripherals	POR, PWM, WDT
Program Memory Type EEPROM Size RAM Size 512 x 8 Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package	Number of I/O	36
EEPROM Size - Supply (Vcc/Vdd) 512 x 8 Voltage - Supply (Vcc/Vdd) 4.5 V ~ 5.5 V Data Converters - Coscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Program Memory Size	16KB (16K x 8)
RAM Size 512×8 Voltage - Supply (Vcc/Vdd) $4.5 \text{ V} \sim 5.5 \text{ V}$ Data Converters - Oscillator Type Internal Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	EEPROM Size	-
Data Converters - Oscillator Type Internal Operating Temperature -40°C ~ 85°C (TA) Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	RAM Size	512 x 8
Oscillator TypeInternalOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA)Mounting Type-Package / Case 44-LCC (J-Lead)Supplier Device Package 44-PLCC (16.59x16.59)	Voltage - Supply (Vcc/Vdd)	4.5 V ~ 5.5 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$ Mounting Type $-$ Package / Case 44-LCC (J-Lead) Supplier Device Package $44\text{-PLCC (16.59x16.59)}$	Data Converters	-
Mounting Type - Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Oscillator Type	Internal
Package / Case 44-LCC (J-Lead) Supplier Device Package 44-PLCC (16.59x16.59)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 44-PLCC (16.59x16.59)	Mounting Type	-
	Package / Case	44-LCC (J-Lead)
Report errors?	Supplier Device Package	44-PLCC (16.59x16.59)
		Report errors?

P89V660FA,512 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.

P89V660FA,512 Payment Methods



















P89V660FA,512 Shipping Methods













If you have any question about P89V660FA,512, please do not hesitate to contact us!

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