



Z8F0413SJ005SC Information



For Reference Only

Part Number Z8F0413SJ005SC

Manufacturer Zilog

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

DescriptionIC MCU 8BIT 4KB FLASH 28SOIC**Package**28-SOIC (0.295", 7.50mm Width)

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.









Z8F0413SJ005SC Specifications

Manufacturer Part Number Z8F0413SJ005SC Manufacturer Zilog Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series Encore!? XP? Core Processor eZ8 Core Size 8-Bit Speed 5MHz Connectivity IrDA, UART/USART Peripherals Brown-out Detect/Reset, LED, POR, PWM, WDT Number of I/O 24 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)	.	
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series Encore!? XP? Core Processor eZ8 Core Size 8-Bit Speed 5MHz Connectivity IrDA, UART/USART Peripherals Brown-out Detect/Reset, LED, POR, PWM, WDT Number of I/O 24 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Manufacturer Part Number	Z8F0413SJ005SC
Embedded - Microcontrollers Package 28-SOIC (0.295", 7.50mm Width) Series Encore!? XP? Core Processor eZ8 Core Size 8-Bit Speed 5MHz Connectivity IrDA, UART/USART Peripherals Brown-out Detect/Reset, LED, POR, PWM, WDT Number of I/O 24 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Manufacturer	Zilog
Package 28 -SOIC (0.295 ", 7.50 mm Width)SeriesEncorel? XP?Core Processor $eZ8$ Core Size 8 -BitSpeed $5MHz$ ConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, POR, PWM, WDTNumber of I/O 24 Program Memory Size $4KB$ ($4K \times 8$)Program Memory TypeFLASHEEPROM Size-RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 3.6 \text{ V}$ Data Converters-Oscillator TypeInternalOperating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)Mounting Type-	Category	Integrated Circuits (ICs)
SeriesEncore!? XP?Core ProcessoreZ8Core Size8-BitSpeed $5MHz$ Connectivity $IrDA$, $UART/USART$ PeripheralsBrown-out Detect/Reset, LED, POR, PWM, WDTNumber of I/O 24 Program Memory Size $4KB$ ($4K \times 8$)Program Memory Type $FLASH$ EEPROM Size-RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 3.6 \text{ V}$ Data Converters-Oscillator TypeInternalOperating Temperature $0^{\circ}C \sim 70^{\circ}C$ (TA)Mounting Type-		Embedded - Microcontrollers
Core Processor Core Size 8-Bit Speed 5MHz Connectivity IrDA, UART/USART Peripherals Brown-out Detect/Reset, LED, POR, PWM, WDT Number of I/O 24 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Package	28-SOIC (0.295", 7.50mm Width)
Core Size 8-Bit Speed 5MHz Connectivity IrDA, UART/USART Peripherals Brown-out Detect/Reset, LED, POR, PWM, WDT Number of I/O 24 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Series	Encore!? XP?
Speed5MHzConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, POR, PWM, WDTNumber of I/O24Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size-RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-	Core Processor	eZ8
Connectivity IrDA, UART/USART Peripherals Brown-out Detect/Reset, LED, POR, PWM, WDT Number of I/O 24 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Core Size	8-Bit
Peripherals Brown-out Detect/Reset, LED, POR, PWM, WDT Number of I/O 24 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature Mounting Type - Brown-out Detect/Reset, LED, POR, PWM, WDT 24 Brown-out Detect/Reset, LED, POR, PWM, WDT A Supply (Vcc/Vdd) 24 4KB (4K x 8) FLASH FLASH EEPROM Size - Occillator Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Speed	5MHz
Number of I/O Program Memory Size 4KB (4K x 8) Frogram Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature Mounting Type -	Connectivity	IrDA, UART/USART
Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Peripherals	Brown-out Detect/Reset, LED, POR, PWM, WDT
Program Memory Type FLASH EEPROM Size - RAM Size 1K x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	Number of I/O	24
EEPROM Size-RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 3.6 \text{ V}$ Data Converters-Oscillator TypeInternalOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting Type-	Program Memory Size	4KB (4K x 8)
RAM Size $1K \times 8$ Voltage - Supply (Vcc/Vdd) $2.7 \text{ V} \sim 3.6 \text{ V}$ Data Converters $-$ Oscillator Type $Internal$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C (TA)}$ Mounting Type $-$	Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd) 2.7 V \sim 3.6 V Data Converters - Oscillator Type Internal Operating Temperature 0°C \sim 70°C (TA) Mounting Type -	EEPROM Size	-
Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type -	RAM Size	1K x 8
Oscillator Type Internal Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA) Mounting Type -	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ Mounting Type -	Data Converters	-
Mounting Type -	Oscillator Type	Internal
	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Package / Case 28-SOIC (0.295", 7.50mm Width)	Mounting Type	-
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Supplier Device Package -	Supplier Device Package	-
Report errors?		Report errors?

Z8F0413SJ005SC 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.

Z8F0413SJ005SC Payment Methods



















Z8F0413SJ005SC Shipping Methods













If you have any question about Z8F0413SJ005SC, please do not hesitate to contact us!

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