



### **Z86E3116SSG Information**



For Reference Only

Part Number Z86E3116SSG

Manufacturer Zilog

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 8BIT 2KB OTP 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



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## **Z86E3116SSG Specifications**

Manufacturer Part Number         Z86E3116SSG           Manufacturer         Zilog           Category         Integrated Circuits (ICs)           Package         28-SOIC (0.295", 7.50mm Width)           Series         Z8?           Core Processor         Z8           Core Size         8-Bit           Speed         16MHz           Connectivity         -           Peripherals         POR, WDT           Number of I/O         24           Program Memory Size         2KB (2K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         125 x 8           Voltage - Supply (Vcc/Vdd)         3.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         Internal           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         -           Report errors?	•	
Category         Integrated Circuits (ICs)           Embedded - Microcontrollers           Package         28-SOIC (0.295", 7.50mm Width)           Series         Z8?           Core Processor         Z8           Core Size         8-Bit           Speed         16MHz           Connectivity         -           Peripherals         POR, WDT           Number of I/O         24           Program Memory Size         2KB (2K x 8)           Program Memory Type         OTP           EEPROM Size         -           RAM Size         125 x 8           Voltage - Supply (Vcc/Vdd)         3.5 V ~ 5.5 V           Data Converters         -           Oscillator Type         Internal           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         -           Package / Case         28-SOIC (0.295", 7.50mm Width)           Supplier Device Package         -	Manufacturer Part Number	Z86E3116SSG
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Core ProcessorZ8Core Size8-BitSpeed $16MHz$ Connectivity-PeripheralsPOR, WDTNumber of I/O $24$ Program Memory Size $2KB (2K \times 8)$ Program Memory TypeOTPEEPROM Size-RAM Size $125 \times 8$ Voltage - Supply (Vcc/Vdd) $3.5 \text{ V} \sim 5.5 \text{ V}$ Data Converters-Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C} (\text{TA})$ Mounting Type-Package / Case $28\text{-SOIC (0.295", 7.50mm Width)}$ Supplier Device Package-	Package	28-SOIC (0.295", 7.50mm Width)
Core Size8-BitSpeed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O24Program Memory Size2KB (2K x 8)Program Memory TypeOTPEEPROM Size-RAM Size125 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Series	Z8?
Speed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O24Program Memory Size2KB (2K x 8)Program Memory TypeOTPEEPROM Size-RAM Size125 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Core Processor	Z8
Connectivity-PeripheralsPOR, WDTNumber of I/O24Program Memory Size2KB (2K x 8)Program Memory TypeOTPEEPROM Size-RAM Size125 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Core Size	8-Bit
Peripherals Number of I/O 24 Program Memory Size 2KB (2K x 8) Program Memory Type OTP EEPROM Size - RAM Size 125 x 8 Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V  Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA) Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Speed	16MHz
Number of I/O24Program Memory Size2KB (2K x 8)Program Memory TypeOTPEEPROM Size-RAM Size125 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Connectivity	-
Program Memory Size 2KB (2K x 8)  Program Memory Type OTP  EEPROM Size -  RAM Size 125 x 8  Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V  Data Converters -  Oscillator Type Internal  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type -  Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package -	Peripherals	POR, WDT
Program Memory Type  EEPROM Size -  RAM Size 125 x 8  Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V  Data Converters - Oscillator Type Internal Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package -	Number of I/O	24
EEPROM Size - 125 x 8  Voltage - Supply (Vcc/Vdd) 3.5 V ~ 5.5 V  Data Converters - Coscillator Type Internal  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width)  Supplier Device Package - Coscillator Supplier Device Package / Case - Coscillator Supplier Device Package - Coscillator Sup	Program Memory Size	2KB (2K x 8)
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Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	EEPROM Size	-
Data Converters-Oscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	RAM Size	125 x 8
Oscillator TypeInternalOperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Voltage - Supply (Vcc/Vdd)	3.5 V ~ 5.5 V
Operating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Data Converters	-
Mounting Type - Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Oscillator Type	Internal
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package -	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package -	Mounting Type	-
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	-
		Report errors?

#### **Z86E3116SSG 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.

# **Z86E3116SSG Payment Methods**



















## **Z86E3116SSG Shipping Methods**













If you have any question about Z86E3116SSG, please do not hesitate to contact us!

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