

Z86E8316SSG

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Z86E8316SSG Information

	Part Number	Z86E8316SSG	
initiation com	Manufacturer	Zilog	
	Category	Integrated Circuits (ICs) Embedded - Microcontrollers	
	Description	IC MCU 8BIT 4KB OTP 28SOIC	
	Package	28-SOIC (0.295", 7.50mm Width)	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

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Z86E8316SSG Specifications

Manufacturer Part NumberZ86E8316SSGManufacturerZilogCategoryIntegrated Circuits (ICs)Embedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesZ8?Core ProcessorZ8Core Size8-BitSpeed16MHzConectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory SizeAKB (4K x 8)Program Memory TypeOTPEEPROM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalMounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Spelic Device Package-		
CategoryIntegrated Circuits (ICS)Embedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesZ8?Core ProcessorZ8Core Size8-BitSpeed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size-Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalMounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Supplier Device Package-	Manufacturer Part Number	Z86E8316SSG
Embedded - MicrocontrollersPackage28-SOIC (0.295", 7.50mm Width)SeriesZ8?Core ProcessorZ8Core Size8-BitSpeed16MHzConectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Porgam Memory Type-EEPROM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)	Manufacturer	Zilog
Package28-SOIC (0.295°, 7.50mm Width)SeriesZ8?Core ProcessorZ8Core Size8-BitSpeed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Program Memory Type0TPEPEPOM Size.Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator Type0°C ~ 70°C (TA)Mounting Type.Spelier Device Package28-SOIC (0.295°, 7.50mm Width)	Category	Integrated Circuits (ICs)
SeriesZ8?Core ProcessorZ8Core Size8-BitSpeed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersAID 8x8bOscillator Type0°C ~ 70°C (TA)Mounting Type28.SOIC (0.295°, 7.50mm Width)Supplier Device Package-		Embedded - Microcontrollers
Core ProcessorZ8Core Size8-BitSpeed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersJAte NallOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.255", 7.50mm Width)Supplier Device Package-	Package	28-SOIC (0.295", 7.50mm Width)
Core Size8-BitSpeed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersJOT 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type28.SOIC (0.295", 7.50mm Width)Supplier Device Package-	Series	Z8?
Speed16MHzConnectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersMenandOperating Temperature0°C ~ 70°C (TA)Mouting Type-Package / Case28-SOIC (0.295°, 7.50mm Width)Supplier Device Package-	Core Processor	Z8
Conectivity-PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Core Size	8-Bit
PeripheralsPOR, WDTNumber of I/O21Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Speed	16MHz
Number of I/O21Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Connectivity	-
Program Memory Size4KB (4K x 8)Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Peripherals	POR, WDT
Program Memory TypeOTPEEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Number of I/O	21
EEPROM Size-RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Program Memory Size	4KB (4K x 8)
RAM Size237 x 8Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Program Memory Type	OTP
Voltage - Supply (Vcc/Vdd)3.5 V ~ 5.5 VData ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	EEPROM Size	-
Data ConvertersA/D 8x8bOscillator TypeInternalOperating Temperature0°C ~ 70°C (TA)Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	RAM Size	237 x 8
Oscillator TypeInternalOperating Temperature0°C ~ 70°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	A/D 8x8b
Mounting Type-Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Oscillator Type	Internal
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-	Operating Temperature	0°C ~ 70°C (TA)
Supplier Device Package -	Mounting Type	-
	Package / Case	28-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	-
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Quality Guarantees

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Service Guarantees

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