

Z8F042APB020EC

Z8F042APB020EC Information

with the rener com	Part Number Manufacturer Category Description Package	Z8F042APB020EC Zilog Integrated Circuits (ICs) Embedded - Microcontrollers IC MCU 8BIT 4KB FLASH 8DIP 8-DIP (0.300", 7.62mm) 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.



Z8F042APB020EC Specifications

Manufacturer Zilog Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 8-DIP (0.300", 7.62mm) Series Encore!? XP? Core Processor eZ8 Core Size 8-Bit Speed 20MHz Connectivity IrDA, UART/USART Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Data Converters A/D 4x10b Oscillator Type Internal Operating Temperature -40°C ~ 105°C (TA) Mounting Type 5-DIP (0.300", 7.62mm)			
Category Integrated Circuits (ICs) Embedded - Microcontrollers Package 8-DIP (0.300", 7.62mm) Series Encore!? XP? Core Processor eZ8 Core Size 8-Bit Speed 20MHz Connectivity IrDA, UART/USART Peripherals Brown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDT Number of I/O 6 Program Memory Size 4KB (4K x 8) Program Memory Type FLASH EEPROM Size 128 x 8 RAM Size IK x 8 Voltage - Supply (Vcc/Vdd) 2.7 V ~ 3.6 V Derating Temperature -40°C ~ 105°C (TA) Mounting Type - Package / Case 8-DIP (0.300", 7.62mm)	Manufacturer Part Number	Z8F042APB020EC	
IndecederationPackageEnbedded - MicrocontrollersPackage8-DIP (0.300", 7.62mm)SeriesEncore!? XP?Core ProcessoreZ8Core Size8-BitSpeed20MHzConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)Pergram Memory TypeFLASHEEPROM Size128 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersAD4x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Manufacturer	Zilog	
Package8-DIP (0.300", 7.62mm)SeriesEncore!? XP?Core ProcessoreZ8Core Size8-BitSpeed20MHzConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)PERPOM Size128 x 8RAM Size152 x 8Voltage - Supply (Vcc/Vd)2.7 V ~ 3.6 VOscillator TypeInternalOperating Temperature-40°C ~ (15°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-Supplier Device Package-	Category	Integrated Circuits (ICs)	
SeriesEncore!? XP?Core ProcessoreZ8Core Size8-BitSpeed20MHzConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature4.0°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300°, 7.62mm)Supplier Device Package-		Embedded - Microcontrollers	
Core ProcessoreZ8Core Size8-BitSpeed20MHzConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-A0°C ~ 105°C (TA)Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Package	8-DIP (0.300", 7.62mm)	
Core Size8-BitSpeed20MHzConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size1K x 8Voltag - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersAD 4x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8.DIP (0.300", 7.62mm)Supplier Device Package-	Series	Encore!? XP?	
Speed20MHzConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Core Processor	eZ8	
ConnectivityIrDA, UART/USARTPeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Core Size	8-Bit	
PeripheralsBrown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDTNumber of I/O6Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Speed	20MHz	
Number of I/O6Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Connectivity	IrDA, UART/USART	
Program Memory Size4KB (4K x 8)Program Memory TypeFLASHEEPROM Size128 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Peripherals	Brown-out Detect/Reset, LED, LVD, POR, PWM, Temp Sensor, WDT	
Program Memory TypeFLASHEEPROM Size128 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Number of I/O	6	
EEPROM Size128 x 8RAM Size1K x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Program Memory Size	4KB (4K x 8)	
RAM SizeIK x 8Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Program Memory Type	FLASH	
Voltage - Supply (Vcc/Vdd)2.7 V ~ 3.6 VData ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	EEPROM Size	128 x 8	
Data ConvertersA/D 4x10bOscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	RAM Size	1K x 8	
Oscillator TypeInternalOperating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V	
Operating Temperature-40°C ~ 105°C (TA)Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Data Converters	A/D 4x10b	
Mounting Type-Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Oscillator Type	Internal	
Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package-	Operating Temperature	$-40^{\circ}C \sim 105^{\circ}C$ (TA)	
Supplier Device Package -	Mounting Type	-	
	Package / Case	8-DIP (0.300", 7.62mm)	
Report errors?	Supplier Device Package	-	
			Report errors?

Z8F042APB020EC 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 EUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

Z8F042APB020EC Payment Methods



Z8F042APB020EC Shipping Methods



If you have any question about Z8F042APB020EC, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com