

# MB90583CAPFV-G-143-BNDE1

#### MB90583CAPFV-G-143-BNDE1 Information



## **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.



### MB90583CAPFV-G-143-BNDE1 Specifications

Manufacturer Part Number	MB90583CAPFV-G-143-BNDE1
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	100-LQFP
Series	F2MC-16LX MB90580C
Core Processor	F2MC-16LX
Core Size	16-Bit
Speed	16MHz
Connectivity	SCI, UART/USART
Peripherals	POR, WDT
Number of I/O	77
Program Memory Size	128KB (128K x 8)
Program Memory Type	Mask ROM
EEPROM Size	-
RAM Size	6K x 8
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Data Converters	A/D 8x8/10b, D/A 2x8b
Oscillator Type	External
Operating Temperature	$-40^{\circ}C \sim 85^{\circ}C$ (TA)
Mounting Type	-
Package / Case	100-LQFP
Supplier Device Package	100-LQFP (14x14)
	Report errors?

#### MB90583CAPFV-G-143-BNDE1 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.



If you have any question about MB90583CAPFV-G-143-BNDE1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com