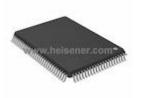


# CY90F345CASPFR-GS-SPE1

#### CY90F345CASPFR-GS-SPE1 Information



For Reference Only

Part Number CY90F345CASPFR-GS-SPE1
Manufacturer Cypress Semiconductor Corp
Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 16BIT 512KB FLASH 100QFP

Package 100-BQFP

For the pricing/inventory/lead time, please contact

us

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



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## **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.









## CY90F345CASPFR-GS-SPE1 Specifications

Manufacturer Part Number CY90F345CASPFR-GS-SPE1  Manufacturer Cztegory Integrated Circuits (ICs) Embedded - Microcontrollers  Package 100-BQFP Series F²MC-16LX MB90340  Core Processor F²MC-16LX  Core Size 16-Bit Speed 24MHz Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART Peripherals DMA, POR, WDT  Number of I/O 82		
Category  Integrated Circuits (ICs)  Embedded - Microcontrollers  Package  100-BQFP  Series  F²MC-16LX MB90340  Core Processor  F²MC-16LX  Core Size  16-Bit  Speed  24MHz  Connectivity  CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART  Peripherals  DMA, POR, WDT	nufacturer Part Number	CY90F345CASPFR-GS-SPE1
Embedded - Microcontrollers  Package 100-BQFP  Series F²MC-16LX MB90340  Core Processor F²MC-16LX  Core Size 16-Bit  Speed 24MHz  Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART  Peripherals DMA, POR, WDT	nufacturer	Cypress Semiconductor Corp
Package 100-BQFP  Series F²MC-16LX MB90340  Core Processor F²MC-16LX  Core Size 16-Bit  Speed 24MHz  Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART  Peripherals DMA, POR, WDT	egory	Integrated Circuits (ICs)
Series F2MC-16LX MB90340  Core Processor F2MC-16LX  Core Size 16-Bit  Speed 24MHz  Connectivity CANbus, EBI/EMI, I2C, LINbus, SCI, UART/USART  Peripherals DMA, POR, WDT		Embedded - Microcontrollers
Core Processor  F2MC-16LX  Core Size  16-Bit  Speed  24MHz  Connectivity  CANbus, EBI/EMI, I2C, LINbus, SCI, UART/USART  Peripherals  DMA, POR, WDT	kage	100-BQFP
Core Size 16-Bit Speed 24MHz Connectivity CANbus, EBI/EMI, I²C, LINbus, SCI, UART/USART Peripherals DMA, POR, WDT	ies	F <sup>2</sup> MC-16LX MB90340
Speed24MHzConnectivityCANbus, EBI/EMI, I²C, LINbus, SCI, UART/USARTPeripheralsDMA, POR, WDT	re Processor	F <sup>2</sup> MC-16LX
Connectivity CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART Peripherals DMA, POR, WDT	re Size	16-Bit
Peripherals DMA, POR, WDT	eed	24MHz
	nnectivity	CANbus, EBI/EMI, I <sup>2</sup> C, LINbus, SCI, UART/USART
Number of I/O 82	ipherals	DMA, POR, WDT
Number of 1/O	mber of I/O	82
Program Memory Size 512KB (512K x 8)	gram Memory Size	512KB (512K x 8)
Program Memory Type FLASH	gram Memory Type	FLASH
EEPROM Size -	PROM Size	-
RAM Size 20K x 8	M Size	20K x 8
Voltage - Supply (Vcc/Vdd) 3.5V ~ 5.5V	ltage - Supply (Vcc/Vdd)	3.5V ~ 5.5V
Data Converters A/D 24x8/10b	a Converters	A/D 24x8/10b
Oscillator Type External	cillator Type	External
Operating Temperature $-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$	erating Temperature	$-40^{\circ}\text{C} \sim 105^{\circ}\text{C} \text{ (TA)}$
Mounting Type Surface Mount	unting Type	Surface Mount
Package / Case 100-BQFP	kage / Case	100-BQFP
Supplier Device Package 100-QFP (14x20)	oplier Device Package	100-QFP (14x20)
Report e		Report errors

#### CY90F345CASPFR-GS-SPE1 Guarantees



#### **Ouality 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.

## CY90F345CASPFR-GS-SPE1 Payment Methods



















## CY90F345CASPFR-GS-SPE1 Shipping Methods













If you have any question about CY90F345CASPFR-GS-SPE1, please do not hesitate to contact us!

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