

## MB90F345CAPF-G



Cypress Semiconductor

IC MCU 16BIT 512KB FLASH 100QFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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**0 pcs**

Minimum:1

Multiples:100

Manufacturer lead time 10 weeks

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receive the goods

### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	3.5 V ~ 5.5 V
<b>Supplier Device Package:</b>	100-QFP (14x20)
<b>Speed:</b>	24MHz
<b>Series:</b>	F <sup>2</sup> MC-16LX MB90340
<b>RAM Size:</b>	20K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (512K x 8)
<b>Peripherals:</b>	DMA, POR, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	100-BQFP
<b>Oscillator Type:</b>	External
<b>Operating Temperature:</b>	-40°C ~ 105°C (TA)
<b>Number of I/O:</b>	80
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 24x8/10b
<b>Core Size:</b>	16-Bit
<b>Core Processor:</b>	F <sup>2</sup> MC-16LX
<b>Connectivity:</b>	CAN, EBI/EMI, I <sup>2</sup> C, LIN, SCI, UART/USART

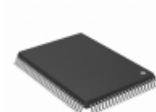
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IC MCU 16BIT 512KB FLASH 100LQFP  
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**MB90F345CAPF-GSE1**

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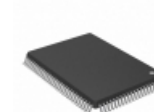
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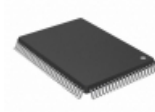
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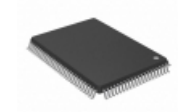
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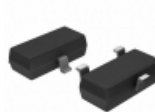
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IC VREF SHUNT 1.225V SOT23  
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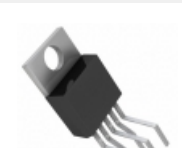
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