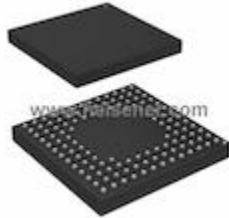


**CY8C6116BZI-F54 Information**


For Reference Only

**Part Number** [CY8C6116BZI-F54](#)  
**Manufacturer** Cypress Semiconductor Corp  
**Category** Integrated Circuits (ICs)  
[Embedded - Microcontrollers](#)  
**Description** IC DUAL CORE MCU 32B 512K 124BGA  
**Package** 124-VFBGA  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**CY8C6116BZI-F54 Specifications**

Manufacturer Part Number	<a href="#">CY8C6116BZI-F54</a>
Manufacturer	Cypress Semiconductor Corp
Category	Integrated Circuits (ICs) <a href="#">Embedded - Microcontrollers</a>
Package	124-VFBGA
Series	PSoC® 6
Core Processor	ARM® Cortex®-M4
Core Size	32-Bit
Speed	50MHz
Connectivity	I²C, LINbus, QSPI, SPI, UART/USART, USB
Peripherals	Brown-out Detect/Reset, Cap Sense, DMA, I²S, POR, PWM, WDT
Number of I/O	104
Program Memory Size	512KB (512K x 8)
Program Memory Type	FLASH
EEPROM Size	32K x 8
RAM Size	128K x 8
Voltage - Supply (Vcc/Vdd)	1.7V ~ 3.6V
Data Converters	A/D 8x12b SAR; D/A 1x12b
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	124-VFBGA
Supplier Device Package	124-BGA (9x9)

[Report errors?](#)

## CY8C6116BZI-F54 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.

## CY8C6116BZI-F54 Payment Methods



## CY8C6116BZI-F54 Shipping Methods



If you have any question about CY8C6116BZI-F54, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)