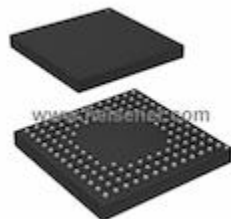


CY8C6116BZI-F54 Information


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


[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 | CY8C6116BZI-F54 |
| Manufacturer | Cypress Semiconductor Corp |
| Category | Integrated Circuits (ICs) Embedded - Microcontrollers |
| 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