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|---|---|
|  | <p><b>CY8C5468AXI-LP106</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> <a href="#">CY8C5468AXI-LP106</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Cannon</a></p> <p><b>Part of Description:</b> IC MCU 32BIT 256KB FLASH 100TQFP</p> <p><b>Datasheets:</b>  <a href="#">CY8C5468AXI-LP106.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant<br/>New original, 360 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation.<br/>See specs for product details.</p>            |   |

### Specifications

|                                  |   |
|----------------------------------|---|
| Part Number                      | CY8C5468AXI-LP106                                       |
| Manufacturer                     | Cannon  |
| Description                      | IC MCU 32BIT 256KB FLASH 100TQFP                        |
| Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                      | 360 pcs Stock   |
| Voltage - Supply (Vcc/Vdd)       | FLASH   |
| Voltage - Breakdown              | 100-TQFP (14x14)  |
| Series                           | PSOC® 5 CY8C54LP  |
| RoHS Status                      | Tray  |
| Reverse Recovery Time (trr)      | 67MHz   |
| Requires                         | CapSense, DMA, LCD, POR, PWM, WDT                       |
| Program Memory Type              | 256KB (256K x 8)  |
| Program Memory Size              | I²C, LIN, SPI, UART/USART, USB                          |
| Polarization                     | 100-LQFP  |
| Oscillator Type                  | A/D 1x12b, D/A 2x8b                                     |
| Operating Temperature            | -40°C ~ 85°C (TA)                                       |
| Operating System                 | ARM® Cortex®-M3   |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)   |
| Manufacturer Standard Lead Time  | 17 Weeks  |
| Manufacturer Part Number         | CY8C5468AXI-LP106                                       |
| Expanded Description             | ARM® Cortex®-M3 PSOC® 5 CY8C54LP Microcontroller        |
| Description                      | IC MCU 32BIT 256KB FLASH 100TQFP                        |
| Data SRAM Bytes                  | 2K x 8  |
| Data Converters                  | 1.71 V ~ 5.5 V  |
| Core Size                        | 64K x 8   |
| Controller Series                | Internal  |
| Connectivity                     | 32-Bit  |
| Clock Rate                       | 62  |

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Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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