



Cypress Semiconductor

### CY8C4146FNI-S423T

Part Number:	CY8C4146FNI-S423T
Manufacturer/Brand:	Cypress Semiconductor
Product description:	IC MCU 32BIT 64KB FLASH 35WLCSP
Datasheets:	<a href="#">CY8C4146FNI-S423T.pdf</a>
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	50955 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of CY8C4146FNI-S423T

PART NUMBER	CY8C4146FNI-S423T
MANUFACTURER	Cypress Semiconductor
DESCRIPTION	IC MCU 32BIT 64KB FLASH 35WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	50955 pcs
DATA SHEET	<a href="#">CY8C4146FNI-S423T.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	35-WLCSP (2.11x2.6)
SPEED	48MHz
SERIES	PSOC® 4 CY8C4100S
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, CapSense, LCD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	35-XFBGA, WLCSP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	31
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ PSOC® 4 CY8C4100S Microcontroller IC 32-Bit 48MHz 64KB (64K x 8) FLASH 35-WLCSP (2.11x2.6)
DATA CONVERTERS	A/D 8x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART

#### Related Tags

Cypress Semiconductor CY8C4146FNI-S423T	CY8C4146FNI-S423T Distributor	CY8C4146FNI-S423T Supplier
CY8C4146FNI-S423T Price	CY8C4146FNI-S423T Pictures	CY8C4146FNI-S423T Image
CY8C4146FNI-S423T PDF Datasheet	CY8C4146FNI-S423T Download Datasheet	CY8C4146FNI-S423T Datasheet
CY8C4146FNI-S423T Stock	Buy CY8C4146FNI-S423T	Buy Cypress Semiconductor CY8C4146FNI-S423T
Cypress Semiconductor CY8C4146FNI-S423T	Cypress Semiconductor Supplier	Cypress Semiconductor Distributor
Cypress Semiconductor CY8C4146FNI-S423T	Cypress Semiconductor Corp CY8C4146FNI-S423T	

#### Related Products

<p><b>CY8C4146AZI-S423</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 48TQFP In stock: 25908 pcs <a href="#">RFQ</a></p>	<p><b>CY8C4146FNI-S433T</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 35WLCSP In stock: 45162 pcs <a href="#">RFQ</a></p>
<p><b>CY8C4146AZI-S433</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 48TQFP In stock: 17508 pcs <a href="#">RFQ</a></p>	<p><b>CY8C4146AZI-S455</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 14087 pcs <a href="#">RFQ</a></p>
<p><b>CY8C4146LQI-S423T</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 40QFN In stock: 53302 pcs <a href="#">RFQ</a></p>	<p><b>CY8C4146AZI-S433T</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 48TQFP In stock: 41386 pcs <a href="#">RFQ</a></p>
<p><b>CY8C4146LQI-S423</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 40QFN In stock: 39331 pcs <a href="#">RFQ</a></p>	<p><b>CY8C4146FNI-S443T</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 35WLCSP In stock: 42211 pcs <a href="#">RFQ</a></p>
<p><b>CY8C4146LQI-S422</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 26678 pcs <a href="#">RFQ</a></p>	<p><b>CY8C4146AZI-S445</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 64TQFP In stock: 20382 pcs <a href="#">RFQ</a></p>
<p><b>CY8C4146AZI-S423T</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 48TQFP In stock: 42718 pcs <a href="#">RFQ</a></p>	<p><b>CY8C4146LQI-S422T</b> Manufacturers: Cypress Semiconductor Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 57730 pcs <a href="#">RFQ</a></p>