



	<p><b>C8051F042R</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">C8051F042R</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Energy Micro (Silicon Labs)</a></p> <p><b>Part of Description:</b> IC MCU 8BIT 64KB FLASH 100TQFP</p> <p><b>Datasheets:</b>  <a href="#">C8051F042R.pdf</a></p> <p><b>RoHs Status:</b> Contains lead / RoHS non-compliant</p> <p><b>Stock Condition:</b> New original, 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. See specs for product details.</p>	

### Specifications

Part Number	C8051F042R
Manufacturer	Energy Micro (Silicon Labs)
Description	IC MCU 8BIT 64KB FLASH 100TQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	Require For Quote & Check Stock
Series	C8051F04x
Operating Temperature	-40°C ~ 85°C (TA)
Package / Case	100-TQFP
Supplier Device Package	100-TQFP (14x14)
Peripherals	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT
Core Processor	8051
Speed	25MHz
Number of I/O	64
EEPROM Size	-
RAM Size	4.25K x 8
Core Size	8-Bit
Connectivity	CAN, EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART
Program Memory Size	64KB (64K x 8)
Program Memory Type	FLASH
Voltage - Supply (Vcc/Vdd)	2.7 V ~ 3.6 V
Data Converters	A/D 8x8b, 13x10b; D/A 2x10b, 2x12b
Oscillator Type	Internal
Packaging	Tape & Reel (TR)

C8051F042R is New Original in Stock, Search C8051F042R Datasheets, PDF, Inventory at Y-IC.com Online, Order C8051F042R Energy Micro (Silicon Labs) with warrantied and confidence.  
RFQ C8051F042R : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested

<p><b>In:</b></p>  <p><b>C8051F044</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 100TQFP</p>	 <p><b>C8051F043</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 64TQFP</p>	 <p><b>C8051F042-GQ</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 100TQFP</p>	 <p><b>C8051F042-GQR</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 100TQFP</p>
 <p><b>C8051F041R</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 64TQFP</p>	 <p><b>C8051F043-GQR</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 64TQFP</p>	 <p><b>C8051F043-GQ</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 64TQFP</p>	 <p><b>C8051F042</b> Energy Micro (Silicon Labs) IC MCU 8BIT 64KB FLASH 100TQFP</p>

### Hot Parts

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 04025C272KAT2A	 06035A180FA12A	 12061C334K4Z2A	 BQ24161CYFFR	 C3216CH2W822J115AA
 CM1715B3H	 E3Z-LS83	 EMD62T2R	 GQM2195C2A5R6CB01D	 GRM033R70J392KA01D
 GRM1555C1H7R7DA01D	 GRM1886R1H5R5DZ01D	 H11A617B300	 HY2954L-50	 IDT71V546S100PF
 INN2214K	 IR3447MTR1PBF.	 IRFR020TRPBF	 IRLU024PBF	 ISL28291FUZ-T7
 L-15WR33JV4E	 L7805ACV/AT	 LD051A1R0CAB2A	 LDB215G5120C-001	 LMK316B7335ML-T
 LP2980IM5-4.7	 LTC6400CUD-14#PBF	 MM3638A02RRE	 MN101E31GMS	 N060RH14
 N1063DH65	 P036PH05FJ	 PM300DVA-120	 PQ20WZ5U	 RM60CZ-2H
 SI8430BB-C-IS	 SKFH40/12DT	 SMP1322-074	 SPS03N60C3	 SSM3J05FU
 TLE4263-2	 TZMB51-GS08	 UPC814G2-T1	 V300A12H500A2	 V37548C600A
 VI-272-MW	 VI-J1Z-IZ	 X5083S8Z-4.5A	 XRP7714ILB-0X1C-F	 ZXCT1030X8TA

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