


















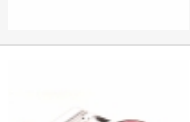


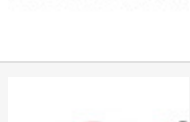


**C8051F041**

 <b>SILICON LABS</b>	 <b>SILICON LABS</b> <b>Part Number:</b> <a href="#">C8051F041</a> <b>Manufacturer:</b> <a href="#">Energy Micro (Silicon Labs)</a> <b>Description:</b> IC MCU 8BIT 64KB FLASH 64TQFP <b>Data sheet:</b>  <a href="#">C8051F040-47</a>	<b>RoHS Status:</b> Contains lead / RoHS non-compliant <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Images are for reference only. See Product Specifications for product details. Buy C8051F041 with confidence from Component-World.HK, 1 Year Warranty		<input type="button" value="Request For Quotation"/>

PRODUCT PARAMETER			
<b>Part Number</b>	C8051F041	<b>Manufacturer</b>	<a href="#">Energy Micro (Silicon Labs)</a>
<b>Description</b>	IC MCU 8BIT 64KB FLASH 64TQFP	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>Quantity Available</b>	5342 pcs	<b>Data sheet</b>	<a href="#">C8051F040-47</a>
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply (Vcc/Vdd)</b>	2.7 V ~ 3.6 V
<b>Supplier Device Package</b>	64-TQFP (10x10)	<b>Speed</b>	25MHz
<b>Series</b>	C8051F04x	<b>RAM Size</b>	4.25K x 8
<b>Program Memory Type</b>	FLASH	<b>Program Memory Size</b>	64KB (64K x 8)
<b>Peripherals</b>	Brown-out Detect/Reset, POR, PWM, Temp Sensor, WDT	<b>Packaging</b>	Tray
<b>Package / Case</b>	64-TQFP	<b>Oscillator Type</b>	Internal
<b>Operating Temperature</b>	-40°C ~ 85°C (TA)	<b>Number of I/O</b>	32
<b>Moisture Sensitivity Level (MSL)</b>	3 (168 Hours)	<b>Lead Free Status / RoHS Status</b>	Contains lead / RoHS non-compliant
<b>EEPROM Size</b>	-	<b>Detailed Description</b>	8051 C8051F04x Microcontroller IC 8-Bit 25MHz 64KB (64K x 8) FLASH 64-TQFP (10x10)
<b>Data Converters</b>	A/D 8x8b, 13x12b; D/A 2x10b, 2x12b	<b>Core Size</b>	8-Bit
<b>Core Processor</b>	8051	<b>Connectivity</b>	CANbus, EBI/EMI, SMBus (2-Wire/I <sup>2</sup> C), SPI, UART/USART
<b>Base Part Number</b>	C8051F04		

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	<b>Part#:</b> <a href="#">C8051F042</a> <b>Description:</b> IC MCU 8BIT 64KB FLASH 100TQFP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<input type="button" value="RFQ"/>
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	<b>Part#:</b> <a href="#">C8051F040DK</a> <b>Description:</b> DEV KIT FOR F040/F041/F042/F043	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<input type="button" value="RFQ"/>
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	<b>Part#:</b> <a href="#">C8051F041R</a> <b>Description:</b> IC MCU 8BIT 64KB FLASH 64TQFP	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<input type="button" value="RFQ"/>
	<b>Part#:</b> <a href="#">C8051F040DK-U</a> <b>Description:</b> DEV KIT FOR F040/F041/F042/F043	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<input type="button" value="RFQ"/>
	<b>Part#:</b> <a href="#">C8051F040DK-A</a> <b>Description:</b> DEV KIT FOR F040/F041/F042/F043	<b>Manufacturers:</b> <a href="#">Energy Micro (Silicon Labs)</a>	<input type="button" value="RFQ"/>
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