



NXP Semiconductors / Freescale

### MC68EC000EI16R2

Part Number: MC68EC000EI16R2  
 Manufacturer/Brand: NXP Semiconductors / Freescale  
 Product description: IC MPU M680X0 16MHZ 68PLCC  
 Datasheets: [1.MC68EC000EI16R2.pdf](#)  
[2.MC68EC000EI16R2.pdf](#)  
 RoHs Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



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Image may be representation. See specifications for product details.

#### Specifications of MC68EC000EI16R2

PART NUMBER	MC68EC000EI16R2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU M680X0 16MHZ 68PLCC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.MC68EC000EI16R2.pdf</a> <a href="#">2.MC68EC000EI16R2.pdf</a>
VOLTAGE - I/O	5.0V
USB	-
SUPPLIER DEVICE PACKAGE	68-PLCC (25x25)
SPEED	16MHz
SERIES	M680x0
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	68-LCC (J-Lead)
OPERATING TEMPERATURE	0°C ~ 70°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	-
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	EC000 Microprocessor IC M680x0 1 Core, 32-Bit 16MHz 68-PLCC (25x25)
CORE PROCESSOR	EC000
CO-PROCESSORS/DSP	-
BASE PART NUMBER	MC68EC000
ADDITIONAL INTERFACES	-

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