



NXP Semiconductors / Freescale

MC68302CAG16VCR2

Part Number: MC68302CAG16VCR2
 Manufacturer/Brand: NXP Semiconductors / Freescale
 Product description: IC MPU M683XX 16MHZ 144LQFP
 Datasheets: [1.MC68302CAG16VCR2.pdf](#)
[2.MC68302CAG16VCR2.pdf](#)
[3.MC68302CAG16VCR2.pdf](#)
[4.MC68302CAG16VCR2.pdf](#)
 RoHS Status: Lead free / RoHS Compliant
 Ship From: Hong Kong
 Shipment Way: DHL/Fedex/TNT/UPS/EMS



Image may be representation. See specifications for product details.

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Specifications of MC68302CAG16VCR2

PART NUMBER	MC68302CAG16VCR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU M683XX 16MHZ 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MC68302CAG16VCR2.pdf 2.MC68302CAG16VCR2.pdf 3.MC68302CAG16VCR2.pdf 4.MC68302CAG16VCR2.pdf
VOLTAGE - I/O	3.3V
USB	-
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	16MHz
SERIES	M683xx
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	DRAM
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 8/16-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	-
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	M68000 Microprocessor IC M683xx 1 Core, 8/16-Bit 16MHz 144-LQFP (20x20)
CORE PROCESSOR	M68000
CO-PROCESSORS/DSP	Communications; RISC CPM
BASE PART NUMBER	MC68302
ADDITIONAL INTERFACES	GCI, IDL, ISDN, NMSI, PCM, SCPI

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