



NXP Semiconductors / Freescale

MPC5121YVY400B

Part Number:	MPC5121YVY400B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT ROMLESS 516FPBGA
Datasheets:	 MPC5121YVY400B.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

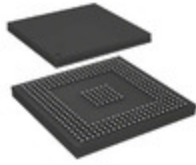
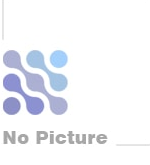
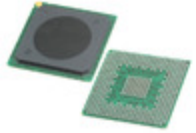
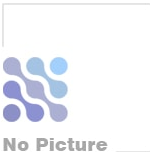
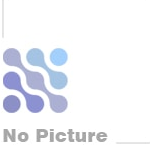
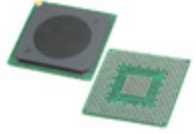
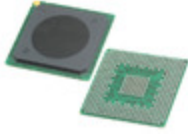
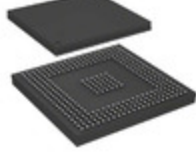
Specifications of MPC5121YVY400B

PART NUMBER	MPC5121YVY400B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT ROMLESS 516FPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MPC5121YVY400B.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.08 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	516-FPBGA (27x27)
SPEED	400MHz
SERIES	MPC5121e
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	ROMless
PROGRAM MEMORY SIZE	-
PERIPHERALS	DMA, WDT
PACKAGING	Tray
PACKAGE / CASE	516-BBGA
OTHER NAMES	935312822557
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	147
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	e300 MPC5121e Microcontroller IC 32-Bit 400MHz ROMless 516-FPBGA (27x27)
DATA CONVERTERS	-
CORE SIZE	32-Bit
CORE PROCESSOR	e300
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, USB OTG
BASE PART NUMBER	MPC5121

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Related Products

 MPC5125YVN400 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 324TEPBGA In stock: 4932 pcs RFQ	 MPC509AU/1KG4 Manufacturers: N/A Description: IC MULTIPLEXER DUAL 1X4 16SOIC In stock: 17486 pcs RFQ
 MPC5123VY400B Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 516FPBGA In stock: 4744 pcs RFQ	 MPC509AU Manufacturers: N/A Description: IC MULTIPLEXER DUAL 1X4 16SOIC In stock: 17809 pcs RFQ
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 MPC5200BV400 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU MPC52XX 400MHZ 272BGA In stock: 1782 pcs RFQ	 MPC509AUG4 Manufacturers: N/A Description: IC MULTIPLEXER DUAL 1X4 16SOIC In stock: 9136 pcs RFQ
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