

KMPC8280VVUPEA

Part Number:	KMPC8280VVUPEA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU MPC82XX 450MHZ 480TBGA
Datasheets:	 KMPC8280VVUPEA.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 KMPC8280VVUPEA

PART NUMBER	KMPC8280VVUPEA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC82XX 450MHZ 480TBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 KMPC8280VVUPEA.pdf
VOLTAGE - I/O	3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	480-TBGA (37.5x37.5)
SPEED	450MHz
SERIES	MPC82xx
SECURITY FEATURES	-
SATA	-
RAM CONTROLLERS	DRAM, SDRAM
PACKAGING	Tray
PACKAGE / CASE	480-LBGA Exposed Pad
OPERATING TEMPERATURE	0°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	2A (4 Weeks)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100 Mbps (3)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC G2_LE Microprocessor IC MPC82xx 1 Core, 32-Bit 450MHz 480-TBGA (37.5x37.5)
CORE PROCESSOR	PowerPC G2_LE
CO-PROCESSORS/DSP	Communications; RISC CPM
BASE PART NUMBER	MPC8280
ADDITIONAL INTERFACES	I²C, SCC, SMC, SPI, UART, USART

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