




NXP Semiconductors / Freescale

MPC8358ECZUAGDGA

Part Number:	MPC8358ECZUAGDGA
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU MPC83XX 400MHZ 740TBGA
Datasheets:	MPC8358ECZUAGDGA.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.








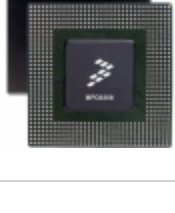
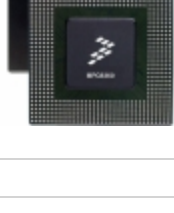
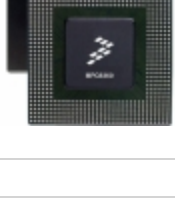


Specifications of MPC8358ECZUAGDGA

PART NUMBER	MPC8358ECZUAGDGA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU MPC83XX 400MHZ 740TBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MPC8358ECZUAGDGA.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 1.x (1)
SUPPLIER DEVICE PACKAGE	740-TBGA (37.5x37.5)
SPEED	400MHz
SERIES	MPC83xx
SECURITY FEATURES	Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	740-LBGA
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	10/100/1000 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e300 Microprocessor IC MPC83xx 1 Core, 32-Bit 400MHz 740-TBGA (37.5x37.5)
CORE PROCESSOR	PowerPC e300
CO-PROCESSORS/DSP	Communications; QUICC Engine, Security; SEC
BASE PART NUMBER	MPC8358
ADDITIONAL INTERFACES	DUART, HDLC, I ² C, PCI, SPI, UART

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