

MC8640DTHX1067NE

MC8640DTHX1067NE Information

	Part Number	MC8640DTHX1067NE
A second berner com	Manufacturer	NXP
	Category	Integrated Circuits (ICs) Embedded - Microprocessors
	Description	IC MPU MPC86XX 1.067GHZ 1023BGA
	Package	1023-BCBGA, FCCBGA
		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com



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MC8640DTHX1067NE Specifications

Manufacturer Part NumberMC8640DTHX1067NEManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsEmbedded - MicroprocessorsPackage1023-BCBGA, FCCBGASeriesMPC86xxCore ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.067GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Ethernet1/100/1000 Mbps (4)SVATA-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGA (33x3)		
CategoryIntegrated Circuits (ICs)Enbedded - MicroprocessorsPackage1023-BCBGA, FCCBGASeriesMPC86xxCore ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.067GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Staff-USB-Voltage - I/O1.8V, 2.5V, 3.3VOrgenting Temperature-Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x3)	Manufacturer Part Number	MC8640DTHX1067NE
Indext and the second	Manufacturer	NXP
Package1023-BCBGA, FCCBGASeriesMPC86xxCore ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.067GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-SATA-VOlage - I/O-Voltage - I/O-Solution-Sering Temperature-Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x3)	Category	Integrated Circuits (ICs)
SeriesMPC86xxCore ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.067GHzCo-Processors/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-StATA-VIB-Voltage - I/O1.88V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Supplier Device Package1023-BCBGA, FCCBGASupplier Device Package1023-BCGGA (33x3)		Embedded - Microprocessors
Core ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.067GHzCo-Processors/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-SATA-USB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-PowerPC e60A-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x3)	Package	1023-BCBGA, FCCBGA
Number of Cores/Bus Width2 Core, 32-BitSpeed1.067GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (4)SATA-VB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Series	MPC86xx
Speed1.067GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/1000 Mbps (4)SATA-VSB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Core Processor	PowerPC e600
I-Co-Processors/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/1000 Mbps (4)SATA-USB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Number of Cores/Bus Width	2 Core, 32-Bit
RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (4)SATA-USB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Speed	1.067GHz
Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/1000 Mbps (4)SATA-VSB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Co-Processors/DSP	-
Display & Interface Controllers-Display & Interface Controllers-Ethernet10/1000 Mbps (4)SATA-USB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	RAM Controllers	DDR, DDR2
Ethernet10/100/ Mbps (4)SATA-USB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Graphics Acceleration	No
SATA-USB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Display & Interface Controllers	-
USB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Ethernet	10/100/1000 Mbps (4)
Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	SATA	-
Operating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	USB	-
Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Voltage - I/O	1.8V, 2.5V, 3.3V
Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Operating Temperature	-40°C ~ 105°C (TA)
Supplier Device Package 1023-FCCBGA (33x33)	Security Features	-
	Package / Case	1023-BCBGA, FCCBGA
Report errors ⁶	Supplier Device Package	1023-FCCBGA (33x33)
		Report errors?

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