

# MC8641DTVU1000NC

# MC8641DTVU1000NC Information

	Part Number Manufacturer	MC8641DTVU1000NC NXP	
Version Deman - Om	Category	Integrated Circuits (ICs) Embedded - Microprocessors	
	Description	IC MPU MPC86XX 1.0GHZ 1023FCCBGA	
	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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# MC8641DTVU1000NC Specifications

Manufacturer Part NumberMC8641DTVU1000NCManufacturerNXPCategoryIntegrated Circuits (ICs)Embedded - MicroprocessorsEmbedded - MicroprocessorsPackage1023-BCBGA, FCCBGASeriesMPC86xxCore ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.0GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-StATA-USB-Voltage - I/O.8V, 2SV, 33VOperating Temperature-Security Features-Package / Case1023-BCBGA, FCCBGAState / Cole-State / Cole-State / Case-State / Case <t< th=""><th></th><th></th></t<>		
Category Integrated Circuits (ICs)   Embedded - Microprocessors   Package 1023-BCBGA, FCCBGA   Series MPC86xx   Core Processor PowerPCe600   Number of Cores/Bus Width 2 Core, 32-Bit   Speed 1.0GHz   Co-Processors/DSP -   RAM Controllers DDR, DDR2   Graphics Acceleration No   Display & Interface Controllers -   StATA -   VBB -   Voltage - I/O 1.8V, 2.5V, 3.3V   Operating Temperature -   Security Features -   Security Features -   Suppler Device Package 1023-BCBGA, FCCBGA	Manufacturer Part Number	MC8641DTVU1000NC
Indext and the second	Manufacturer	NXP
Package1023-BCBGA, FCCBGASeriesMPC86xxCore ProcessorPowerP c600Number of Cores/Bus Width2 Core, 32-BitSpeed1.0GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-SATA-VOIge - I/O-Voltage - I/O-Voltage - I/O1.8V, 2.5V, 3.3VOrenting Temperature-Security Features-Package / Case1023-BCBGA, FCCBGASuppler Device Package1023-FCCBGA (3333)	Category	Integrated Circuits (ICs)
SeriesMPC86xxCore ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.0GHzCo-Processors/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-StartA1.010/1000 Mbps (4)SATA-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-40°C ~ 105°C (TA)Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-PCCBGA (33x3)		Embedded - Microprocessors
Core ProcessorPowerPC e600Number of Cores/Bus Width2 Core, 32-BitSpeed1.0GHzCo-Processors/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-SATA-VDB-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-PowerPC e0xers-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x3)	Package	1023-BCBGA, FCCBGA
Number of Cores/Bus Width2 Core, 32-BitSpeed1.0GHzCo-Processor/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/1000 Mbps (4)SATA-VOlage - I/O1.8V, 2.5V, 3.3VOperating Temperature-Security Features-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x3)	Series	MPC86xx
Speed1.0GHzCo-Processors/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/1000 Mbps (4)SATA-VOltage - I/O-Voltage - I/O1.8V, 2.5V, 3.3VOperating Temperature-Package / Case1023-BCBGA, FCCBGASupplier Device Package1023-FCCBGA (33x33)	Core Processor	PowerPC e600
ICo-Processors/DSP-RAM ControllersDDR, DDR2Graphics AccelerationNoDisplay & Interface Controllers-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)	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	1.0GHz
Graphics AccelerationNoDisplay & Interface Controllers-Ethernet10/100/ 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-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
Ethernet10/1000 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)	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
Peport errors'	Supplier Device Package	1023-FCCBGA (33x33)
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### MC8641DTVU1000NC Guarantees



**Quality Guarantees** 

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

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