



#### MPC880ZP80 Information



For Reference Only

Part Number MPC880ZP80

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microprocessors

**Description** IC MPU MPC8XX 80MHZ 357BGA

Package 357-BBGA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **MPC880ZP80 Specifications**

Manufacturer         NXP           Category         Integrated Circuits (ICs)           Embedded - Microprocessors           Package         357-BBGA           Series         MPC8xx           Core Processor         MPC8xx           Number of Cores/Bus Width         1 Core, 32-Bit           Speed         80MHz           Co-Processors/DSP         Communications; CPM           RAM Controllers         DRAM           Graphics Acceleration         No           Display & Interface Controllers         -           Ethernet         10 Mbps (2), 10/100 Mbps (2)           SATA         -           USB         USB 2.0 (1)           Voltage - I/O         3.3V           Operating Temperature         0°C ~ 95°C (TA)           Security Features         -           Package / Case         357-BBGA	_	
Category         Integrated Circuits (ICs)           Embedded - Microprocessors           Package         357-BBGA           Series         MPC8xx           Core Processor         MPC8xx           Number of Cores/Bus Width         1 Core, 32-Bit           Speed         80MHz           Co-Processors/DSP         Communications; CPM           RAM Controllers         DRAM           Graphics Acceleration         No           Display & Interface Controllers         -           Ethernet         10 Mbps (2), 10/100 Mbps (2)           SATA         -           USB         USB 2.0 (1)           Voltage - I/O         3.3V           Operating Temperature         0°C ~ 95°C (TA)           Security Features         -           Package / Case         357-BBGA           Supplier Device Package         357-PBGA (25x25)	Manufacturer Part Number	MPC880ZP80
Embedded - Microprocessors	Manufacturer	NXP
Package         357-BBGA           Series         MPC8xx           Core Processor         MPC8xx           Number of Cores/Bus Width         1 Core, 32-Bit           Speed         80MHz           Co-Processors/DSP         Communications; CPM           RAM Controllers         DRAM           Graphics Acceleration         No           Display & Interface Controllers         -           Ethernet         10 Mbps (2), 10/100 Mbps (2)           SATA         -           USB         USB 2.0 (1)           Voltage - I/O         3.3V           Operating Temperature         0°C ~ 95°C (TA)           Security Features         -           Package / Case         357-BBGA           Supplier Device Package         357-PBGA (25x25)	Category	Integrated Circuits (ICs)
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Number of Cores/Bus Width  Speed  80MHz  Co-Processors/DSP  Communications; CPM  RAM Controllers  DRAM  Graphics Acceleration  No  Display & Interface Controllers  - Ethernet  10 Mbps (2), 10/100 Mbps (2)  SATA  - USB  USB 2.0 (1)  Voltage - I/O  3.3V  Operating Temperature  Security Features  Package / Case  Supplier Device Package  1 Communications; CPM  No  URAM  No  OPCA  95°C (TA)  Security Features  - Package / Case  357-BBGA  357-PBGA (25x25)	Series	MPC8xx
Speed 80MHz Co-Processors/DSP Communications; CPM RAM Controllers DRAM Graphics Acceleration No Display & Interface Controllers - Ethernet 10 Mbps (2), 10/100 Mbps (2) SATA - USB USB 2.0 (1) Voltage - I/O 3.3V Operating Temperature 0°C ~ 95°C (TA) Security Features - Package / Case 357-BBGA Supplier Device Package 357-PBGA (25x25)	Core Processor	MPC8xx
Co-Processors/DSP         Communications; CPM           RAM Controllers         DRAM           Graphics Acceleration         No           Display & Interface Controllers         -           Ethernet         10 Mbps (2), 10/100 Mbps (2)           SATA         -           USB         USB 2.0 (1)           Voltage - I/O         3.3V           Operating Temperature         0°C ~ 95°C (TA)           Security Features         -           Package / Case         357-BBGA           Supplier Device Package         357-PBGA (25x25)	Number of Cores/Bus Width	1 Core, 32-Bit
RAM Controllers  Graphics Acceleration  Display & Interface Controllers  Ethernet  10 Mbps (2), 10/100 Mbps (2)  SATA  -  USB  USB 2.0 (1)  Voltage - I/O  Operating Temperature  O°C ~ 95°C (TA)  Security Features  Package / Case  Supplier Device Package  DRAM  No  Occ  No  Occ  10 Mbps (2), 10/100 Mbps (2)  10 Mbps	Speed	80MHz
Graphics Acceleration       No         Display & Interface Controllers       -         Ethernet       10 Mbps (2), 10/100 Mbps (2)         SATA       -         USB       USB 2.0 (1)         Voltage - I/O       3.3V         Operating Temperature       0°C ~ 95°C (TA)         Security Features       -         Package / Case       357-BBGA         Supplier Device Package       357-PBGA (25x25)	Co-Processors/DSP	Communications; CPM
Display & Interface Controllers  Ethernet  10 Mbps (2), 10/100 Mbps (2)  SATA  - USB  USB 2.0 (1)  Voltage - I/O  Operating Temperature  0°C ~ 95°C (TA)  Security Features  - Package / Case  357-BBGA  Supplier Device Package  357-PBGA (25x25)	RAM Controllers	DRAM
Ethernet       10 Mbps (2), 10/100 Mbps (2)         SATA       -         USB       USB 2.0 (1)         Voltage - I/O       3.3V         Operating Temperature       0°C ~ 95°C (TA)         Security Features       -         Package / Case       357-BBGA         Supplier Device Package       357-PBGA (25x25)	Graphics Acceleration	No
SATA       -         USB       USB 2.0 (1)         Voltage - I/O       3.3V         Operating Temperature       0°C ~ 95°C (TA)         Security Features       -         Package / Case       357-BBGA         Supplier Device Package       357-PBGA (25x25)	Display & Interface Controllers	-
USB 2.0 (1)  Voltage - I/O 3.3V  Operating Temperature 0°C ~ 95°C (TA)  Security Features -  Package / Case 357-BBGA  Supplier Device Package 357-PBGA (25x25)	Ethernet	10 Mbps (2), 10/100 Mbps (2)
Voltage - I/O  Operating Temperature  O°C ~ 95°C (TA)  Security Features  - Package / Case  357-BBGA  Supplier Device Package  357-PBGA (25x25)	SATA	-
Operating Temperature 0°C ~ 95°C (TA)  Security Features - Package / Case 357-BBGA  Supplier Device Package 357-PBGA (25x25)	USB	USB 2.0 (1)
Security Features - Package / Case 357-BBGA Supplier Device Package 357-PBGA (25x25)	Voltage - I/O	3.3V
Package / Case 357-BBGA Supplier Device Package 357-PBGA (25x25)	Operating Temperature	0°C ~ 95°C (TA)
Supplier Device Package 357-PBGA (25x25)	Security Features	-
	Package / Case	357-BBGA
Report errors?	Supplier Device Package	357-PBGA (25x25)
		Report errors?

#### MPC880ZP80 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**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

### MPC880ZP80 Payment Methods



















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