



Image may be representation.
See specifications for product details.



MPC866TVR100A

Manufacturer Part Number	MPC866TVR100A
Manufacturer	NXP Semiconductors
Allelco Part Number	32D-MPC866TVR100A
ECAD Model	Request Free CAD Models
Parts Description	IC MPU MPC8XX 100MHZ 357BGA
Package	357-BBGA
Data sheet	MPC866,859 Hardware Manual.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MPC866TVR100A - NXP USA Inc..New Original in Stock. Download Linear Technology MPC866TVR100A datasheet/specifications on AllelcoElec.com.
Request a quote for MPC866TVR100A, please send us email: info@allelco.com

Specifications

MPC866TVR100A Tech Specifications

MPC866TVR100A - NXP USA Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	NXP Semiconductors	Operating Temperature	0°C ~ 95°C (TA)
Voltage - I/O	3.3V	Number of Cores/Bus Width	1 Core, 32-Bit
USB	-	Mounting Type	Surface Mount
Supplier Device Package	357-PBGA (25x25)	Graphics Acceleration	No
Speed	100MHz	Ethernet	10Mbps (4), 10/100Mbps (1)
Series	MPC8xx	Display & Interface Controllers	-
Security Features	-	Core Processor	MPC8xx
SATA	-	Co-Processors/DSP	Communications; CPM
RAM Controllers	DRAM	Base Product Number	MPC86
Package / Case	357-BBGA	Additional Interfaces	HDLC/SDLC, I ² C, IrDA, PCMCIA, SPI, TDM, UART/USART
Package	Tray		

Parts with Similar Specifications

The three parts on the right have similar specifications to NXP USA Inc. MPC866TVR100A

Product Attribute				
Part Number	MPC866TVR100A	MPC866PZP100A	MPC866PVR133A	MPC870CVR66
Manufacturer	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.	NXP USA Inc.
Core Processor	MPC8xx	MPC8xx	MPC8xx	MPC8xx
Series	MPC8xx	MPC8xx	MPC8xx	MPC8xx
Graphics Acceleration	No	No	No	No
Security Features	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	0°C ~ 95°C (TA)	0°C ~ 95°C (TA)	0°C ~ 95°C (TA)	-40°C ~ 100°C (TA)
USB	-	-	-	USB 2.0 (1)
Voltage - I/O	3.3V	3.3V	3.3V	3.3V
Package	Tray	Tray	Tray	Tray
Additional Interfaces	HDLC/SDLC, I ² C, IrDA, PCMCIA, SPI, TDM, UART/USART	HDLC/SDLC, I ² C, IrDA, PCMCIA, SPI, TDM, UART/USART	HDLC/SDLC, I ² C, IrDA, PCMCIA, SPI, TDM, UART/USART	I ² C, PCMCIA, SPI, TDM, UART
Co-Processors/DSP	Communications; CPM	Communications; CPM	Communications; CPM	Communications; CPM
RAM Controllers	DRAM	DRAM	DRAM	DRAM
Package / Case	357-BBGA	357-BBGA	357-BBGA	256-BBGA
Speed	100MHz	100MHz	133MHz	66MHz
Base Product Number	MPC86	MPC86	MPC86	MPC87
Supplier Device Package	357-PBGA (25x25)	357-PBGA (25x25)	357-PBGA (25x25)	256-PBGA (23x23)
Number of Cores/Bus Width	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit	1 Core, 32-Bit
SATA	-	-	-	-
Display & Interface Controllers	-	-	-	-
Ethernet	10Mbps (4), 10/100Mbps (1)	10Mbps (4), 10/100Mbps (1)	10Mbps (4), 10/100Mbps (1)	10/100Mbps (2)

MPC866TVR100A Datasheet PDF

Download MPC866TVR100A pdf datasheets and NXP USA Inc. documentation for MPC866TVR100A - NXP USA Inc..

Datasheets

[MPC866,859 Hardware Manual.pdf](#)




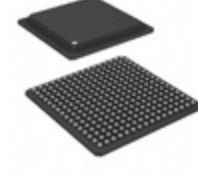

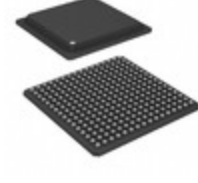


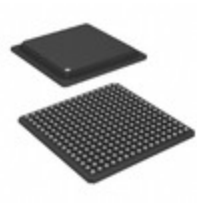







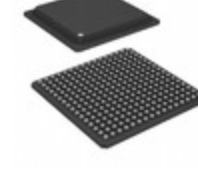

Environmental Information

[NXP USA Inc REACH.pdf](#)

[NXP USA Inc RoHS Cert.pdf](#)

Customers Also Interested in

Recommended Products

					
MPC866PZP100A NXP USA Inc. RISC MICROPROCESSOR, 32-BIT, 100	MPC860TZQ80D4 Rochester Electronics, LLC MPC860T - POWERQUICC, 32 BIT POW	MPC866PVR133A NXP USA Inc. IC MPU MPC8XX 133MHZ 357BGA	MPC870CVR66 NXP USA Inc. IC MPU MPC8XX 66MHZ 256BGA	MPC862TCZQ66B NXP USA Inc. IC MPU MPC8XX 66MHZ 357BGA	MPC870CZT133 NXP USA Inc. IC MPU MPC8XX 133MHZ 256BGA
					
MPC866PZP100A Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC866TZP133A Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC870VR133 NXP USA Inc. IC MPU MPC8XX 133MHZ 256BGA	MPC866PCZP100A NXP USA Inc. IC MPU MPC8XX 100MHZ 357BGA	MPC870CZT133 Freescale Semiconductor POWERQUICC RISC MICROPROCESSOR,	MPC860TZQ80D4 NXP USA Inc. IC MPU MPC8XX 80MHZ 357BGA
					
MPC866PZP133A NXP USA Inc. IC MPU MPC8XX 133MHZ 357BGA	MPC866TZP133A NXP USA Inc. IC MPU MPC8XX 133MHZ 357BGA	MPC870VR133 Freescale Semiconductor POWERQUICC 32 BIT POWER ARCHITEC	MPC866TCVR100A NXP USA Inc. IC MPU MPC8XX 100MHZ 357BGA	MPC870VR66 NXP USA Inc. IC MPU MPC8XX 66MHZ 256BGA	MPC870CVR66 Freescale Semiconductor MPC870 - PowerQUICC, 32 Bit Powe

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support


The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

		
Efficient Supply Management	Cost-Saving Procurement	Fast Sourcing & Delivery

Contact us if you have any questions.

	
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Certifications & Memberships



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