

Microcontroller

| | |
|---------------|-----------------------------------|
| Manufacturers | NXP Semiconductor |
| Package/Case | BGA-27 |
| Product Type | Embedded Processors & Controllers |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for MPC556LF8MZP40 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MPC556LF8MZP40 is a microcontroller from NXP Semiconductors. It belongs to the MPC55xx family of microcontrollers, which are designed for automotive and industrial applications.

Features

It has a Power Architecture core with 32-bit processing.

It has a clock speed of up to 80 MHz.

It has 8 MB of flash memory and 1 MB of SRAM.

It has a variety of communication interfaces, including CAN, LIN, and FlexRay.

It has a number of built-in safety features, such as a watchdog timer and memory protection units.

Application

Automotive control systems, such as engine control, transmission control, and safety systems.

Industrial control systems, such as factory automation and robotics.

Medical devices, such as patient monitoring equipment and imaging systems.



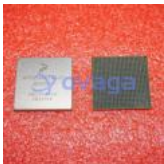


Related Products



[MPC860TVR50D4](#)

NXP Semiconductor
BGA-357



[MPC8548VTAUJD](#)

NXP Semiconductor
BGA-783



[MPC860TZQ50D4](#)

NXP Semiconductor
BGA-357



[MPC860ENCZQ50D4](#)

NXP Semiconductor
BGA357



[MPC852TCVR66A](#)

NXP Semiconductor
BGA-256



[MPC8270CZQMIBA](#)

NXP Semiconductor
PBGA-516



[MPC860SRZQ50D4](#)

NXP Semiconductor
357-BBGA



[MPC852TVR100A](#)

NXP Semiconductor
MAPBGA-169