


**MCU 32-bit e200z0h RISC 512KB Flash 3.3V/5V Automotive 100-Pin LQFP T/R**

|                      |  |
|----------------------|--|
| <b>Manufacturer:</b> | <a href="#">STMicroelectronics, Inc</a>  |
| <b>Package/Case:</b> | LQFP100  |
| <b>Product Type:</b> | Embedded Processors & Controllers  |
| <b>RoHS:</b>         | RoHS Compliant/Lead free  |
| <b>Lifecycle:</b>    | Active   |



Images are for reference only

[Inquiry](#)

## General Description

The SPC560B40x/50x and SPC560C40x/50x is a family of next generation microcontrollers built on the Power Architecture embedded category. The SPC560B40x/50x and SPC560C40x/50x family of 32-bit microcontrollers is the latest achievement in integrated automotive application controllers. It belongs to an expanding family of automotive-focused products designed to address the next wave of body electronics applications within the vehicle. The advanced and cost-efficient host processor core of this automotive controller family complies with the Power Architecture embedded category and only implements the VLE (variable-length encoding) APU, providing improved code density. It operates at speeds of up to 64 MHz and offers high performance processing optimized for low power consumption. It capitalizes on the available development infrastructure of current Power Architecture devices and is supported with software drivers, operating systems and configuration code to assist with users implementations.

## Key Features

Memory

Interrupts

GPIO: 45(LQFP64), 75(LQFP100), 123(LQFP144)

Timer units

16-bit counter time-triggered I/Os

Communications interface

## Recommended For You

**SPC572L64F2BC6AR**

STMicroelectronics, Inc

TQFP80

**SPEAR320-2**

STMicroelectronics, Inc

BGA

**SPC574K72E5C6FAR**

STMicroelectronics, Inc

LQFP144

**SPC58NE84E7QM HAR**

STMicroelectronics, Inc  
LQFP-176

**SPC58NN84C3RM HBR**

STMicroelectronics, Inc  
FPBGA-292

**SPC58NN84E7RM HBR**

STMicroelectronics, Inc  
LQFP-176

**SPC560B50L5C6E0X**

STMicroelectronics, Inc  
LQFP144

**SPC560B50L5C6E0Y**

STMicroelectronics, Inc  
LQFP144

**SPC560B60L3C6E0X**

STMicroelectronics, Inc  
LQFP100

**SPC560B50L3C6E0X**

STMicroelectronics, Inc  
LQFP100

**SPC560B40L3B4E0X**

STMicroelectronics, Inc  
LQFP100

**SPC570S50E1CE FAR**

STMicroelectronics, Inc  
LQFP64

**SPC564A80L7CFAR**

STMicroelectronics, Inc  
LQFP-176

**SPC560B54L3C6E0X**

STMicroelectronics, Inc  
LQFP100

**SPC582B50E3CD00X**

STMicroelectronics, Inc  
TQFP100