
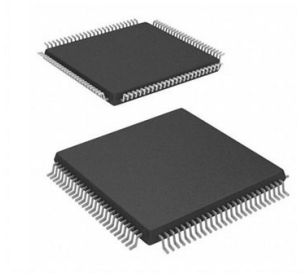


**MCU 32-bit e200z2 RISC 512KB Flash 1.2V/3.3V/5V Automotive
100-Pin TQFP EP T/R**

Manufacturer:	STMicroelectronics, Inc
Package/Case:	TQFP100
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SPC582Bxx microcontroller is the entry member of a new family of devices superseding the SPC582Bx family. SPC582Bxx is built on the legacy of the SPC5x products, while introducing new features to answer the future requirements like the ASIL-B classification, high number of ISO CAN-FD channels, and provide significant power and performance improvement (MIPS per mW).

Key Features

1088 KB (1024 KB code flash + 64 KB data flash) on-chip flash memory: supports read during program and erase operations, and multiple blocks allowing EEPROM emulation

96 KB on-chip general-purpose SRAM

Multi-channel direct memory access controller (eDMA) with 16 channels

1 interrupt controller (INTC)

Comprehensive new generation ASIL-B safety concept

Crossbar switch architecture for concurrent access to peripherals, Flash, or RAM from multiple bus masters with end-to-end ECC

Body cross triggering unit (BCTU)

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

SPC560B50L3B4E0X

STMicroelectronics, Inc

LQFP100

SPC570S50E1CE FAR

STMicroelectronics, Inc

LQFP64

SPC564A80L7CFAR

STMicroelectronics, Inc

LQFP-176

SPC560B54L3C6E0X

STMicroelectronics, Inc

LQFP100