


## MCU 32-bit e200z2 RISC 1.5MB Flash 3.3V/5V Automotive 80-Pin TQFP EP T/R

<b>Manufacturer:</b>	<a href="#">STMicroelectronics, Inc</a>	<input type="text" value="SPC572L64F2BC6AR Image"/>
<b>Package/Case:</b>	TQFP80	Images are for reference only
<b>Product Type:</b>	Embedded Processors & Controllers	<input type="button" value="Inquiry"/>
<b>RoHS:</b>	RoHS Compliant/Lead free 	
<b>Lifecycle:</b>	Active	

### General Description

This family of MCUs is targeted at automotive powertrain controller applications for four-cylinder gasoline and diesel engines, chassis control applications, transmission control applications, steering and braking applications, as well as low-end hybrid applications.

The family is designed to achieve ISO26262 ASIL-A compliance.

This document provides electrical specifications, pin assignments, and package diagrams for the SPC572Lx series of microcontroller units (MCUs). For functional characteristics, see the device reference manual.

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### Key Features

1568 KB on-chip RWW flash memory

64 KB general-purpose data SRAM

System Memory Protection Unit (SMPU)

Multi-channel direct memory access controllers (eDMA) with 16-channel for up to 60 DMA sources

Interrupt controller (INTC)

Four 32-bit and one 64-bit Periodic Interrupt Timer channels (PIT)

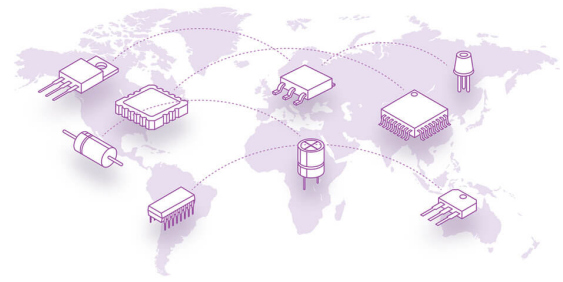
Single phase-locked loops with stable clock domain for peripherals and core (PLL)

System integration unit lite (SIUL2)

Boot assist flash (BAF) supports factory programming through UART/LIN, CAN

Generic timer module (GTM101)

Enhanced analog-to-digital converter system with:



## Recommended For You

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### **SPEAR320-2**

STMicroelectronics, Inc

BGA

### **SPC574K72E5C6FAR**

STMicroelectronics, Inc

LQFP144

### **SPC58NE84E7QM HAR**

STMicroelectronics, Inc

LQFP-176

### **SPC58NN84C3RMHBR**

STMicroelectronics, Inc

FPBGA-292

### **SPC58NN84E7RMHBR**

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

### **SPC570S50E1CEFAR**

STMicroelectronics, Inc

LQFP64

### **SPC564A80L7CFAR**

STMicroelectronics, Inc

LQFP-176

### **SPC560B54L3C6E0X**

STMicroelectronics, Inc

LQFP100

### **SPC582B50E3CD00X**

STMicroelectronics, Inc

TQFP100