


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



Images are for reference only

Manufacturer:	STMicroelectronics, Inc
Package/Case:	LQFP100
Product Type:	Embedded Processors & Controllers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active

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General Description

The SM30TY series are designed to protect sensitive automotive circuits against surges defined in ISO 7637-2 and against electrostatic discharges according to ISO 10605. The planar technology makes it compatible with high-end circuits where low leakage current and high junction temperature are required to provide long-term reliability and stability.

Key Features

AEC-Q101 qualified

Peak pulse power:

3000 W (10/1000 μ s)

up to 40 kW (8/20 μ s)

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up to 40 kW (8/20 μ s)

Stand-off voltage range from 5 V to 188 V

Unidirectional and bidirectional types

Low leakage current: 0.2 μ A at 25 °C

Operating Tj max: 175 °C

JEDEC registered package outline

Lead finishing: matte tin plating

Recommended For You

SPC572L64F2BC6AR

STMicroelectronics, Inc
TQFP80

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

SPC560B40L3B4E0X

STMicroelectronics, Inc
LQFP100

SPC560B50L3B4E0X

STMicroelectronics, Inc
LQFP100

SPC570S50E1CEFAR

STMicroelectronics, Inc
LQFP64

SPC564A80L7CFAR

STMicroelectronics, Inc
LQFP-176

SPC560B54L3C6E0X

STMicroelectronics, Inc
LQFP100

SPC582B50E3CD00X

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