

MCU 32-bit e200z4256n3 RISC 6MB Flash 1.2V/3.3V/5V
Automotive 176-Pin LQFP T/R



Images are for reference only

Manufacturer:	STMicroelectronics, Inc
Package/Case:	LQFP-176
Product Type:	Embedded Processors & Controllers
Lifecycle:	Active

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General Description

The VNP35N07-E, VNB35N07-E and VNV35NV07-E are monolithic devices made using STMicroelectronics VIPower® technology, intended for replacement of standard Power MOSFETs in DC to 50 KHz applications. Built-in thermal shutdown, linear current limitation and overvoltage clamp protect the chip in harsh environments. Fault feedback can be detected by monitoring the voltage at the input pin.

Key Features

- Automotive qualified
- Linear current limitation
- Thermal shutdown
- Short circuit protection
- Integrated clamp
- Low current drawn from input pin
- Diagnostic feedback through input pin
- ESD protection
- Direct access to the gate of the Power MOSFET (analog driving)
- Compatible with standard Power MOSFET
- Standard TO-220 package
- Compliant with 2002/95/EC European directive

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

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