

Current Limit SW 1-IN 1-OUT to 0.7A Automotive 8-Pin SO N T/R



Images are for reference only

[Inquiry](#)

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: SOP8

Product Type: Switches

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active

General Description

The VN800PS-E is monolithic device made by using STMicroelectronics VIPower M0-3 technology, intended for driving any kind of load with one side connected to ground.

Active VCCpin voltage clamp protects the device against low energy spikes. Active current limitation combined with thermal shutdown and automatic restart protect the device against overload. Device automatically turns off in case of ground pin disconnection. This device is especially suitable for industrial applications in norms conformity with IEC1131 (Programmable Controllers International Standard).

Key Features

ECOPACK:leadfreeandRoHScompliant

AutomotiveGrade:compliancewithAECguidelines

Verylowstandbycurrent

CMOScompatibleinput

Thermalshutdownprotectionanddiagnosis

Undervoltageshutdown

Overvoltageclamp

Loadcurrentlimitation

Reversebatteryprotection

Electrostaticdischargeprotection

Recommended For You

VNS050JTR-E

STMicroelectronics, Inc
HSSOP12

VNLD5160TR-E

STMicroelectronics, Inc
SOP8

VND5T050AKTR-E

STMicroelectronics, Inc
SSOP24

VNS3NV04PTR-E

STMicroelectronics, Inc
SOP8

VN7003ALHIR

STMicroelectronics, Inc
Octapak-7

VND7140AJ12TR

STMicroelectronics, Inc
HSSOP12

VN330SP-E

STMicroelectronics, Inc
HSOP10

VNL5050N3TR-E

STMicroelectronics, Inc
SOT-223

VNB35NV04TR-E

STMicroelectronics, Inc
TO-263

VN7007AHIR

STMicroelectronics, Inc
TO252-7

VNV35N07

STMicroelectronics, Inc
HSOP10

VND5050AJTR-E

STMicroelectronics, Inc
HSSOP12

VND5E160AJTR-E

STMicroelectronics, Inc
HSSOP12

VNN7NV04PTR-E

STMicroelectronics, Inc
SOT223

VN7004CLHIR

STMicroelectronics, Inc
TO-252