

Smart High-Side Current Limit Switch



Images are for reference only

[Inquiry](#)

Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: PG-DSO-36

Product Type: Switches

Lifecycle: Unconfirmed

General Description

The ISO1H81xG family offers parallel and serial 3.3V/5V μ C-interfaces, facilitating straight forward connection with virtually any μ C, μ P, ASIC or FPGA. The ISO1H81xG products enable OEM-product designs which meet the stringent EMI requirements of the IEC 61131-2 norm (zone C) applicable for Programmable Logical Controllers (PLC).

Key Features

Robust galvanic isolation (UL508 and EN 611312 certified) to protect the 3.3V/5V control domain of an industrial control system from the harsh 24V (typ.) process side 8channel highside powerswitching capabilities of up to 1.2A per channel

Active current limitation and over temperature protection

Common diagnostic feedback for overtemperature and for Vbb undervoltage

Application

Programmable
Logic Controllers

Distributed
Control Systems

General Control
Equipment

Robotics

Solid-State Relay

Recommended For You

ISO1H812G

Infineon Technologies Corporation

PG-DSO-36

ISO1H812GAUMA1

Infineon Technologies Corporation

PG-DSO-36

ICE2PCS01G

Infineon Technologies Corporation

SOP-8

BTS141TCBUMA1

Infineon Technologies Corporation
TO263

IR2130SPBF

Infineon Technologies Corporation
1

IGCM20F60GA

Infineon Technologies Corporation
MODULE

IR2111PbF

Infineon Technologies Corporation
DIP8

IRAM136-1061A

Infineon Technologies Corporation
SIP-21

IR2103STRPBF

Infineon Technologies Corporation
SOP-8

IRAMS06UP60A

Infineon Technologies Corporation
MODULE

IRAMX16UP60B

Infineon Technologies Corporation
MODULE

BTS4141NHUMA1

Infineon Technologies Corporation
SOT223

2ED300C17-S

Infineon Technologies Corporation
MODULE

AUIPS7091GTR

Infineon Technologies Corporation
SOP8

BTS3205NHUSA1

Infineon Technologies Corporation
SOT-223