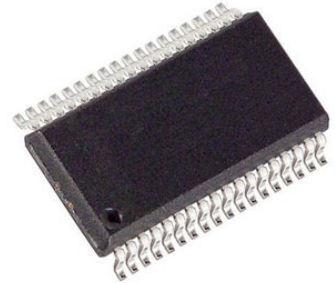


Smart Power Load Switch, High Side, NMOS, 8 Outputs, 45 V, 1.4 A, 0.15 ohm, SOIC-36

Manufacturers	Infineon Technologies Corporation
Package/Case	36-BSSOP (0.433, 11.00mm Width)
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ITS42008SBDAUMA1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

High side power switch with integrated vertical power FET, providing embedded protection and diagnostic functions.

Features

Overload protection

Current limitation

Short circuit protection

Thermal shutdown with restart

Overvoltage protection (including load dump)

Shutdown when undervoltage

Fast demagnetization of inductive loads

Reverse battery protection with external resistor

Open drain diagnostic output for over temperature and short circuit

CMOS compatible input

Electrostatic discharge (ESD) protection

Very low standby current

Green Product (RoHS compliant)

Negative voltage clamped at output with inductive loads

Flags a fail event (Status pin)

Current limitation

Very low standby current

Thermal shutdown with restart

ESD-Protection

Application

Micro PLC

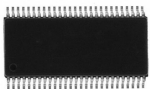
IO link

Programmable Logic Controller

Industrial Sensors

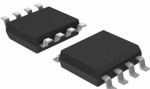
Actuators Drivers

Related Products



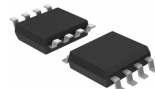
[ITS4200SSJDXUMA1](#)

Infineon Technologies Corporation
8-SOIC (0.154, 3.90mm Width)



[ITS716GFUMA1](#)

Infineon Technologies Corporation
PG-DSO-20



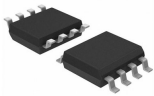
[ITS4880RCUMA1](#)

Infineon Technologies Corporation
PG-DSO-36



[ITS4130QEPDXUMA1](#)

Infineon Technologies Corporation
14-TSSOP (0.154, 3.90mm Width)



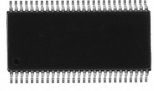
[ITS724GFUMA1](#)

Infineon Technologies Corporation
PG-DSO-20



[ITS4075QEPCXUMA1](#)

Infineon Technologies Corporation
14-TSSOP (0.154, 3.90mm Width)



[ITS4100SSJNXUMA1](#)

Infineon Technologies Corporation
8-SOIC (0.154, 3.90mm Width)



[ITS711L1FUMA1](#)

Infineon Technologies Corporation
20-SOIC (0.295, 7.50mm Width)