

Power Load Switch, AEC-Q100, High Side, 1 Output, 13.5 V, 10 A/0.06 ohm out, SOIC-8

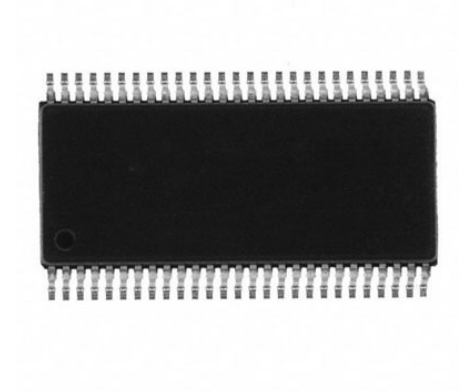
Manufacturers [Infineon Technologies Corporation](#)

Package/Case 8-SOIC (0.154, 3.90mm Width)

Product Type Power Management ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for ITS4100SSJNXUMA1 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)

Fast demagnetization of inductive loads

Reverse battery protection with external resistor

CMOS compatible input

ESD- Protection

Very low stand by current

AEC qualified

Green product (RoHS compliant)

Negative voltage clamped at output with inductive loads

Current limitation

Very low standby current

Thermal shutdown with restart

ESD-Protection

Application

Micro PLC

IO link

Programmable Logic Controller

Industrial Sensors

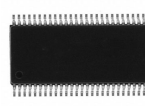
Actuators Drivers

Related Products



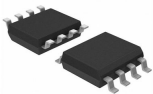
[ITS42008SBDAUMA1](#)

Infineon Technologies Corporation
36-BSSOP (0.433, 11.00mm Width)



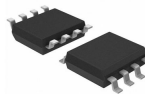
[ITS4200SSJDXUMA1](#)

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



[ITS4880RCUMA1](#)

Infineon Technologies Corporation
PG-DSO-36



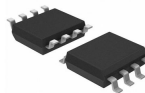
[ITS716GFUMA1](#)

Infineon Technologies Corporation
PG-DSO-20



[ITS4130QEPDXUMA1](#)

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



[ITS724GFUMA1](#)

Infineon Technologies Corporation
PG-DSO-20

[ITS4075QEPDXUMA1](#)



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

[ITS711L1FUMA1](#)



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