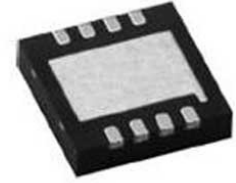


## Current Limit SW 1-IN 1-OUT 4.5V to 13.2V 5A 18-Pin STQFN



Images are for reference only

[Inquiry](#)

**Manufacturer:** [Renesas Technology Corp](#)

**Package/Case:** DFN

**Product Type:** Switches

**RoHS:** RoHS Compliant/Lead free 

**Lifecycle:** Active

### General Description

#### Key Features

Optimized for Telecommunications Equipment, High-performance Enterprise Computing, Motor Drives

18 mΩ RDS<sub>ON</sub>

Maximum Continuous Current: 5 A

Wide Operating Supply Voltage: 4.5 V to 13.2 V

Automatic nFET SOA Protection

3-Level, Pin-selectable V<sub>IN</sub> Overvoltage Lockout

Capacitor-adjustable Inrush Current Control

Two stage Current Limit Protection:  
Resistor-adjustable Active Current Limit

Fixed 0.5 A Short-circuit Current Limit

ON-OFF Control: Active HIGH

### Recommended For You

#### [ISL83202IBZ](#)

Renesas Technology Corp

SOP16

#### [ISL9492ERZ](#)

Renesas Technology Corp

QFN

#### [ISL6520ACBZ-T](#)

Renesas Technology Corp

SOP8

**ISL62883CHRTZ**

Renesas Technology Corp

QFN

**ISL95836HRTZ-T**

Renesas Technology Corp

QFN40

**ISL95837HRZ-T**

Renesas Technology Corp

QFN40

**ISL95837HRZ**

Renesas Technology Corp

QFN40

**ISL9301HRZ**

Renesas Technology Corp

DFN10

**ISL95835HRZ**

Renesas Technology Corp

QFN

**ISL95812HRZ**

Renesas Technology Corp

QFN

**ISL95870HRUZ-T**

Renesas Technology Corp

QFN16

**ISL65211BZ**

Renesas Technology Corp

SOP16

**ISL62882CHRTZ**

Renesas Technology Corp

QFN

**ISL95870BIRZ-T**

Renesas Technology Corp

QFN20

**ISL78214ARZ**

Renesas Technology Corp

QFN