

USB Type-C Port Protection IC with 2:1 MUX High-Speed Switch

Description

The SM5514B is an integrated interface IC that features a protection switch for CC pins and the DP/DM_CON pins of USB Type-C. This device supports a 2:1 MUX High-Speed switch up to 480Mbps for USB, 22V withstanding voltage for VICC1, VICC2, DP_CON and DM_CON pins.

The SM5514B is available in 1.8mm x 2.6mm, 16-Pad QFN Package.

Features

- 22V Withstanding Voltage for DP/DM_CON and VICC1/2 Pins with OVP
- 2:1 MUX High-Speed up to 480Mbps for High Speed USB
- Supports Dead Battery Under-Voltage Lockout(UVLO)

Applications

- Mobile and Smart Phones
- Tablets
- Portable Devices

Ordering Information

Part	Temp. Range	Pb-Free	Package
SM5514B	-40°C to +85°C	Yes	16 QFN 0.4mm pitch 1.8mm x 2.6mm

SM5514B

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