

Description

The TCS8320 is a Power Delivery (PD) SINK controller IC. The TCS8320 can request the maximum or specified voltage from the power supplies that complied with the Type-C PD protocol.

The TCS8320 built in pull-low resistor on CC1 and CC2 pins. When the TCS8320 connected to the TYPE-C source device, the PD communication will be triggered and started automatically. The selected voltage will be requested and all related PD protocol will be completed.

Features

- Support USB Type-C Specification Release 1.3
- Support USB PD2.0 and PD3.0 communication protocol up to seven Power Object
- Operating voltage : 4.6V to 20V
- Package type : SOT23-6L

Application

- Audio
- STB
- Router
- Home Application
- Lighting

Application Circuit

