

General Description

SY6128 is an iPhone female connector charging protocol IC with high speed, ultra-low power loss and high noise resistance, and supports charging of iPhone data cables. It is a perfect iPhone female connector charging solution with small size, few peripheral components, high stability and compatibility, and SOT236 package.

Applications

- ◆ iPhone power bank and Battery Pack
- ◆ Lightning adapters

Features

- ◆ Ultra-low quiescent standby current (<15uA)
- ◆ Ultra-wide operating voltage range (1.5 V ~ 6.5 V)
- ◆ Compatibility with all current iOS versions
- ◆ Accessories support:
 - (1) USBC to Lightning charging cable
 - (2) USBA to Lightning charging cable

Typical Application Circuit

