General Description

The TCS95228 is an advanced CMOS analog switch fabricated in Sub-micron silicon gate CMOS technology. The part also features guaranteed Break Before Make (BBM) switching, assuring the switches never short the driver. The switches can handle negative signal down to -2V.

TCS95228 is offered QFN10L and MSOP10 package, which is ideal for small form factor portable equipment .

Features

- Ultra-low R_{ON} is typical 0.4Ω @ V_{CC} =3.3V
- Single supply operation from 1.65V to 5.5V
- Full -2V to V_{CC} signal handling capability
- High off-channel isolation
- Very low standby current
- Very low distortion
- Break-Before-Make(BBM) switching
- High continuous current capability is ±300mA through each switch
- Part No. and package

Part No.	Package
TCS95228_QJ	QFN10L (1.8mm x1.4mm)
TCS95228_MJ	MSOP10

Applications

- Smart Phones and Cellular Phones
- Cell Phone Audio Block/ Speaker
- Earphone Switching Ring-Tone Chip
- Amplifier Switching/Modems

Pin Configuration