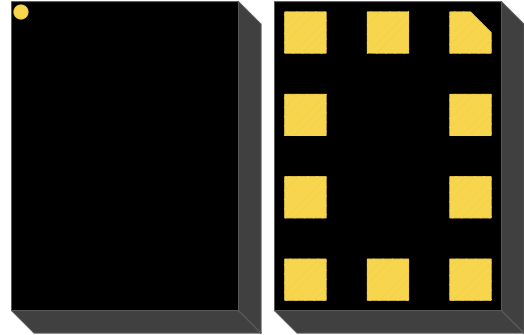


OM8795G Datasheet | 0.1~6 GHz DPDT Switch

Product Features

- High isolation: 33 dB at 5 GHz
- Broadband frequency range: 0.1 to 6 GHz
- High power handling capacity: 38.5 dBm
- Single control voltage input
- No DC blocking capacitors required
- Small package: LGA-10 1.1 x 1.5 x 0.4 mm



Applications

- Cellular Handset Applications
- Multi-Mode GSM,EDGE,WCDMA,LTE and 5G

Product Description

The OM8795G is a Silicon on Insulator (SOI) double-pole, double-throw (DPDT) switch. It is designed for general purpose switching applications where require very low insertion loss, high isolation and high linearity performance. It can be used for multi-mode GSM, EDGE, WCDMA and LTE system applications.

The OM8795G is controlled by a single bit control interface. No need for external DC blocking capacitors unless DC is applied externally. The OM8795G is manufactured in a compact, 10- pin 1.1 x 1.5 x 0.4 mm package. A functional block diagram is shown in Figure 1.

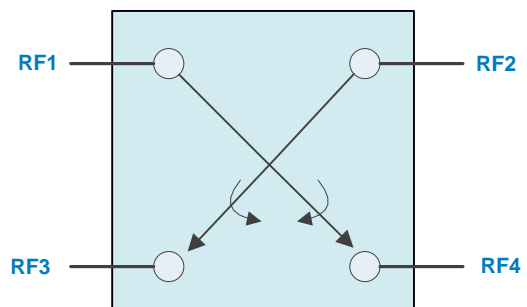


Figure 1 Functional Block Diagram.