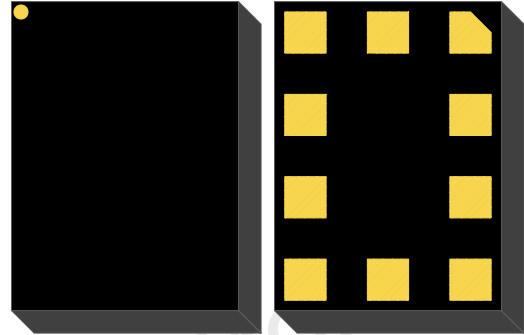


# OM8792F

## Datasheet | 0.1~6 GHz DPDT Switch

### Product Features

- Excellent insertion loss: 0.5 dB at 6 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



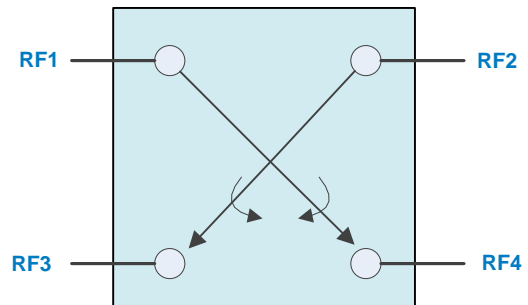
### Applications

- Diversity antenna switching
- Multi-Mode GSM, EDGE, WCDMA, LTE and 5G

### Product Description

The OM8792F is a Silicon On Insulator (SOI) double-pole, double-throw (DPDT) switch. It is designed for diversity antenna switching applications which require very low insertion loss, high isolation and high linearity performance.

The OM8792F is controlled by a single bit control interface. No need for external DC blocking capacitors unless DC is applied externally. The OM8792F 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.**