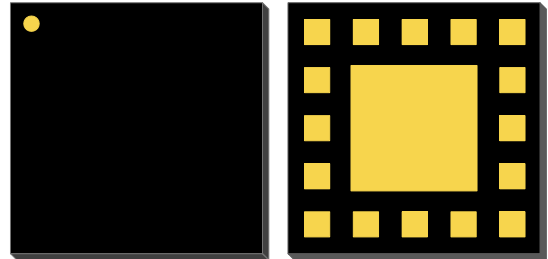


# OM8790F

## Datasheet | 0.1~5 GHz DP4T Switch

### Product Features

- Excellent Insertion Loss and Isolation performance
- High Linearity
- RFFE 2.1 Control Interface
- Broadband frequency range: 0.1 to 5 GHz
- No DC blocking capacitors required
- Small package: LGA-16 2.0 x 2.0 x 0.5 mm
- Single VIO supply
- 2kV HBM ESD Protection on all pins.



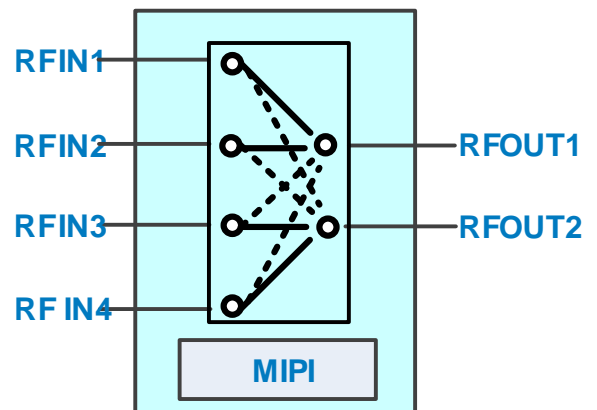
### Applications

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

### Product Description

The OM8790F is a Silicon On Insulator (SOI) double-pole four-throw (DP4T) switch. It is designed for diversity antenna switching applications which require very low insertion loss, high isolation and high linearity performance.

The OM8790F is packaged in a 16 pin compact 2.0 mm x 2.0 mm x 0.5 mm size device. This offers mobile handset designers a compact, easy-to-use, switch component for quick integration into multimode, multi-band systems.



**Figure 1 Functional Block Diagram**