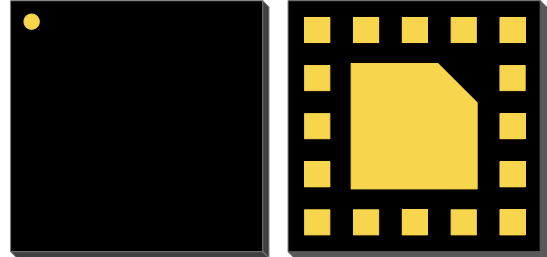


# OM8790M Datasheet | 0.1~6 GHz 3P3T Switch

## Product Features

- Excellent Insertion Loss and Isolation performance
- High Linearity
- RFFE 2.1 Control Interface
- Broadband frequency range: 0.1 to 6 GHz
- No DC blocking capacitors required
- Small package: LGA-16 2.0 x 2.0 x 0.5 mm
- Single VIO supply



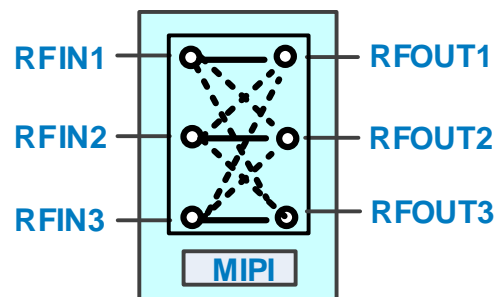
## Applications

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

## Product Description

The OM8790M is a Silicon On Insulator (SOI) three-pole three-throw (3P3T) switch. It is designed for diversity antenna switching applications which require very low insertion loss, high isolation and high linearity performance.

The OM8790M is packaged in a 16 pin compact 2.0mm x 2.0mm x 0.5mm 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**