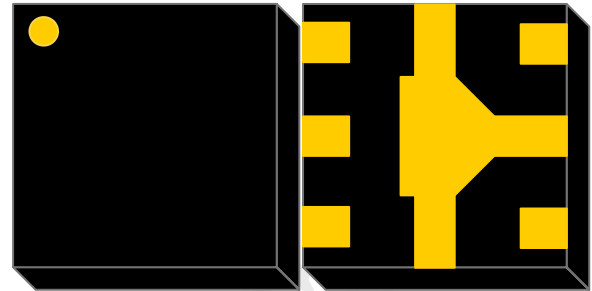


OM8751D Datasheet | 0.5-6.0GHz SPDT Switch

Product Features

- Multi-Band operation 0.5 to 6.0 GHz
- Low insertion loss
- No DC blocking capacitors required (unless external DC is applied to the RF ports)
- Miniature 1.0 × 1.0 × 0.40 mm DFN package
- >2kV HBM ESD Protection on all pins.



Applications

- WLAN 802.11 a/b/g/n networks
- WLAN repeaters
- ISM band radios
- Low power transmit receive systems

Product Description

The OM8751D is a silicon-on-insulator (SOI), single-pole, double-throw (SPDT) switch. The high linearity and ruggedness performance and extremely low insertion loss makes the device an ideal choice for WLAN applications such as 802.11 a/b/g/n.

The OM8751D SPDT switch is provided in a compact 1.0 × 1.0 × 0.40 mm DFN package. A functional block diagram is shown in Figure 1.

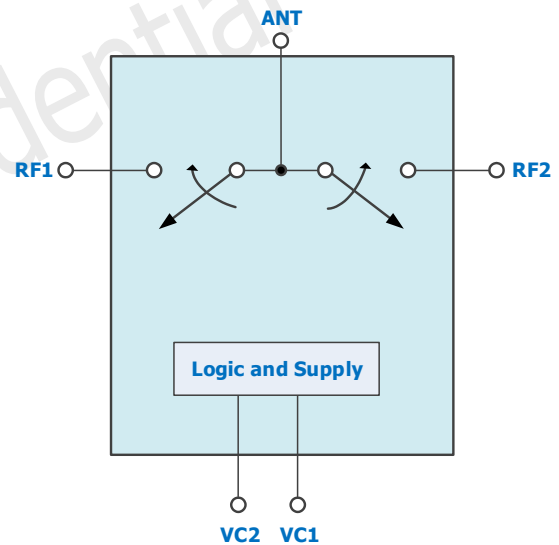


Figure 1 Functional Block Diagram