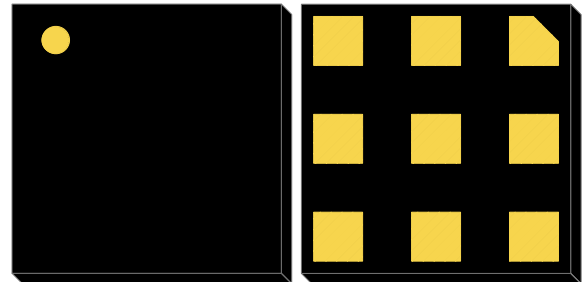


# OM8741M Datasheet | 0.1~6.0 GHz SP4T Switch

## Product Features

Multi-Band operation 0.1 to 6.0 GHz
Low insertion loss
No DC blocking capacitors required (unless external DC is applied to the RF ports)
Miniature 1.1 × 1.1 × 0.4 mm LGA package
MIPI2.0 compatible

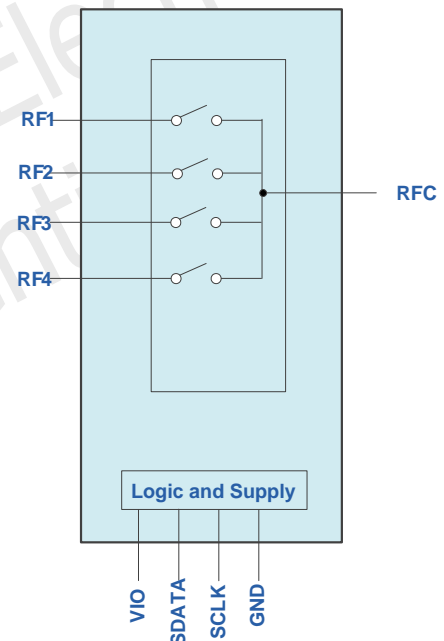


## Applications

2G/3G/4G antenna diversity or LTE (FDD/TDD) TRX
Cellular modems and USB Devices

## Product Description

OM8741M is a single-pole four-throw (SP4T) high power switch with a Mobile Industry Processor Interface (MIPI) in a miniature 1.1 × 1.1 × 0.4 mm LGA package. The OM8741M is ideally suited for applications where high linearity, low insertion loss, and small size are required. Typical applications are for handset systems that connect separate transmit and receive functions to a common antenna, as well as other related handset and general purpose applications. OM8741M can be used in all systems operating up to 6.0 GHz requiring high power. A functional block diagram is shown in Figure 1.



**Figure 1 Functional Block Diagram**