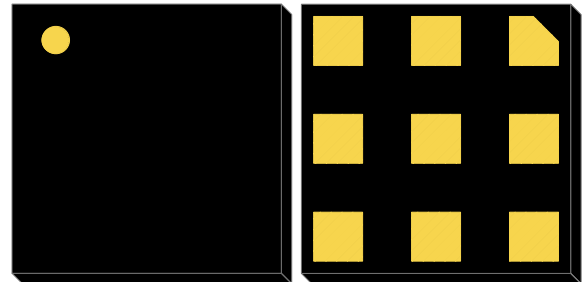


HS8741-21 Datasheet | 0.1~3.0 GHz SP4T Switch

Product Features

Multi-Band operation 0.1 to 3.0 GHz
Low insertion loss
No DC blocking capacitors required (unless external DC is applied to the RF ports)
Miniature 1.1 × 1.1 × 0.54 mm LGA package



Applications

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

Product Description

HS8741-21 is a SOI CMOS MMIC single pole four throw (SP4T) high power switch in a low cost miniature 1.1 × 1.1 × 0.54 mm LGA package. The HS8741-21 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. HS8741-21 can be used in all systems operating up to 3.0 GHz requiring high power at low control voltage. A functional block diagram is shown in Figure 1.

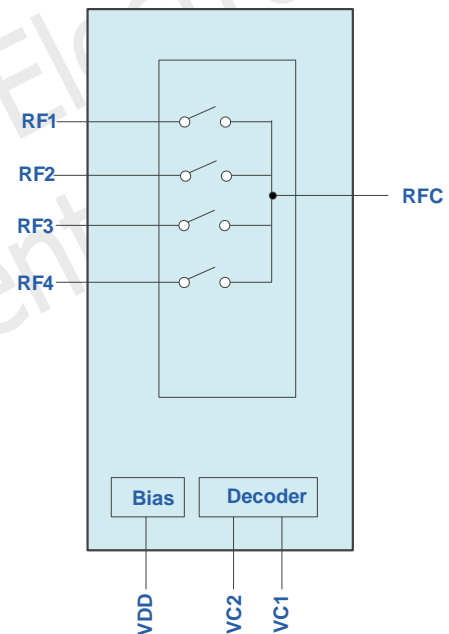


Figure 1 Functional Block Diagram