

HS8727 Datasheet | 0.1~6.0 GHz SPDT Switch

Product Features

Multi-Band operation 0.1 to 6.0 GHz
Low Insertion Loss
High Isolation
No DC blocking capacitors required
Miniature 1.1 mm × 0.7 mm × 0.38 mm package

Applications

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

Product Description

HS8727 is a SOI CMOS MMIC single pole two throw (SP2T) high power switch in a low cost miniature 1.1 mm × 0.7 mm × 0.38 mm DFN6L package. The HS8727 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. HS8727 can be used in all systems operating up to 6 GHz requiring high power at low control voltage. A functional block diagram is shown in Figure 1.

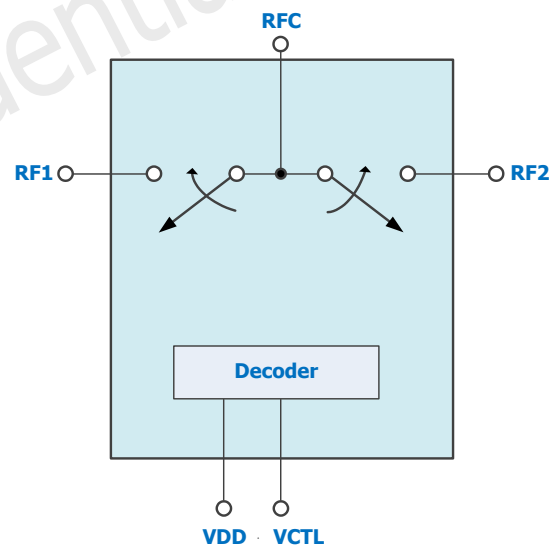


Figure 1 Functional Block Diagram