

HS8765U-16

Datasheet
0.1~6.0 GHz SP4T Antenna Tuning Switch

Product Features

Excellent insertion loss: 0.50 dB at 2.7 GHz
High peak voltage handling: 60 V
Low R_{on} : 1.4 ohm
No DC blocking capacitors required
Small package: LGA-10 1.1 x 1.5 x 0.40 mm

Applications

Antenna tuning
Impedance tuning
Band switching
GSM/WCDMA/LTE transmit/receive

Product Description

The HS8765U-16 is a single-pole four-throw (SP4T) switch designed for antenna/impedance tuning applications which requires very low insertion loss and high voltage handling capability. It can also be used for multi-mode GSM/GPRS/EDGE/WCDMA/LTE transmit/receive applications. The HS8765U-16 is a single-pole four-throw (SP4T) switch with a Mobile Industry Processor Interface (MIPI). No need for external DC blocking capacitors unless DC is applied externally. The HS8765U-16 is manufactured in a compact, 10-pin 1.1 x 1.5 x 0.40 mm package. A functional block diagram is shown in Figure 1.

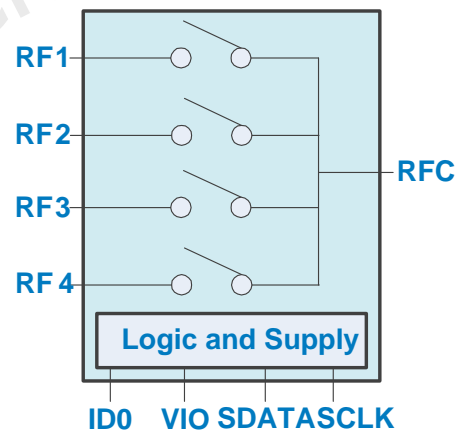
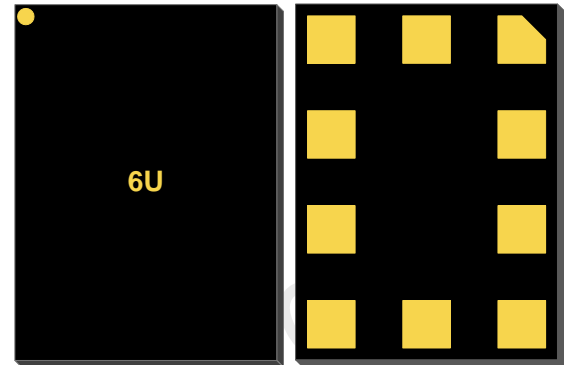


Figure 1 Functional Block Diagram