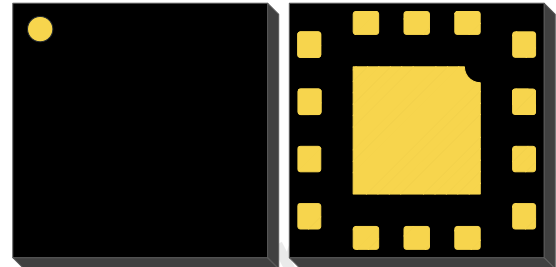


# HS8718-31 Datasheet | 0.1~3.0 GHz SP8T Antenna Switch

## Product Features

Excellent insertion loss and isolation performance
Multi-Band operation 0.1 to 3.0 GHz
Compact 2 mm x 2 mm in QFN-14 package
No DC blocking capacitors required (unless external DC is applied to the RF ports)



## Applications

2G/3G/4G antenna diversity
Cellular modems and USB Devices

## Product Description

The HS8718-31 is a low loss SP8T switch with performance for antenna switch. The HS8718-31 is compatible with +1.35 V control logic, which is a key requirement for most cellular transceivers. This part is packaged in a compact 2 mm x 2 mm, 14-pin, QFN package which allows for a small solution size with no need for external DC blocking capacitors (when no external DC is applied to the device ports). A functional block diagram is shown in Figure 1.

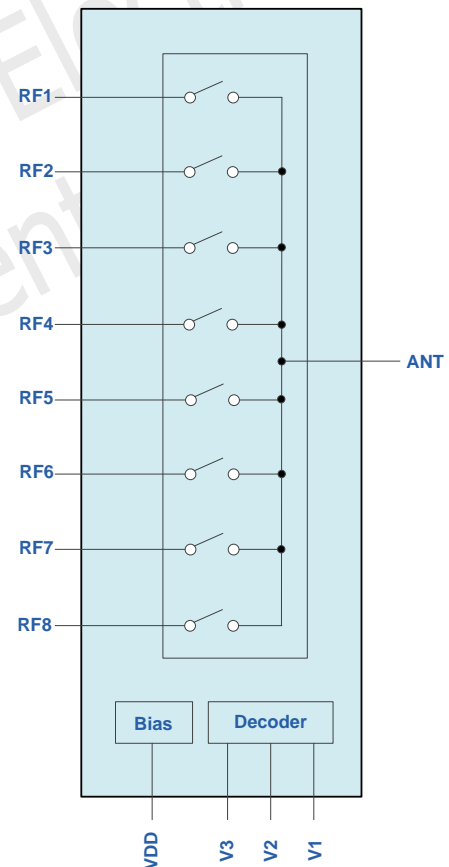


Figure 1 Functional Block Diagram