



PRELIMINARY DATA SHEET

Revision: 0.1

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RDASW321

SP3T Switch for Wireless Communication

1. General Description

RDA's RDASW321 is a SOI CMOS MMIC single pole three throw (SP3T) high power switch in a low cost miniature 2.0mm×2.0mm package. The RDASW321 is ideally suited for applications where high power, 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. This part can be used in all systems operating up to 6 GHz requiring high power at low control voltage.

1.1. Features

- Low Insertion Loss
- High linearity
- High isolation
- Broadband frequency up to 6GHz
- ESD Protection at all ports
- SOI CMOS Process