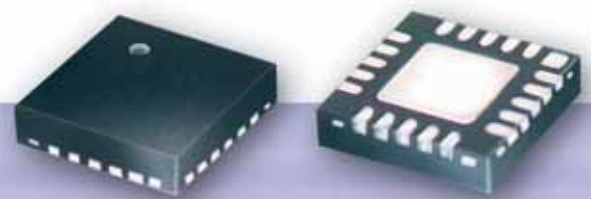


Digital Step Attenuators (DAT Series)



- 24 models
- 50 ohm models:
 - DC – 2.4GHz, DC - 4 GHz
 - 15.5dB, 0.5dB Step Size
 - 31.0dB, 1.0dB Step Size
 - 31.5dB, 0.5dB Step Size
- 75 ohm models
 - DC to 2 GHz
 - 15.5 dB, 0.5dB step size
 - 31.0 dB, 1.0dB step size
 - 31.5 dB, 0.5dB step size
- Built-in Special driver
Low Noise and distortion
- Single Positive Supply Voltage
Models: $V_{DD} = +3V$
- Dual Supply Voltage Models:
 $V_{DD} = +3V, V_{SS} = -3V$
- Serial Control Interface Models
- Parallel Control Interface Models
- Immune to Latch up
- Excellent Accuracy, 0.1dB Typ
- Low Insertion Loss
- High IP3, +52dBm Typ
- Very Low DC Power Consumption
- Excellent Return Loss
- Small Size: 4.0 x 4.0 x 0.9mm
MCLP Package



SPDT RF Switch 50Ω DC-3000 MHz

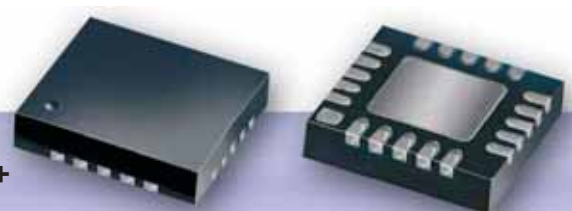
**Absorptive RF Switch with internal driver.
Single Supply Voltage, +3V**

Features:

- Very Low Insertion loss over entire frequency range
- Super High Isolation over entire frequency range
- High Input IP3, +55 dBm typ.
- Single positive supply voltage, +3V
- Very low DC current consumption, 8μA
- Immune to latch up
- Unique design-simultaneous switch off of RF1&RF2

Typical Applications:

- Base Station Infrastructure
- Portable Wireless
- CATV & DBS
- MMDS & Wireless LAN
- Band switch
- Diplexer switches
- Bypass switches



HSWA2-30DR+

The HSWA2-30DR+ is a 50Ω high isolation SPDT RF switch designed for wireless applications, covering a broad frequency range from DC up to 3GHz with low insertion loss. The HSWA2-30DR+ operates on a single supply voltage +3V. See application note AN-70-004 for +5V supply voltage. This unit includes an internal CMOS control driver with two-pins control. The switch consumes very low supply current, 8μA typ. The HSWA2-30DR+ switch is in a very small size and low profile package, 4x4mm and 0.9mm respectively.