

Dual 1Ω SPDT Analog Switch

Features

- Maximum 1.15Ω ON-State Resistance at 4.5V Vcc
- Low Charge Injection
- Excellent ON Resistance Matching
- +2.7V to +5.5V Single-Supply Operation
- Low Total Harmonic Distortion
- Low supply Current (<1μA)
- Break-before-make enable circuitry
- Control inputs 5-V Tolerant
- MSOP-10 package is available

Applications

- Cell Phones
- PDAs
- Portable Instrumentation
- Audio and Video Signal Routing

General Description

The G3205 is a dual low on-resistance, SPDT (Single-Pole/Double-Throw) analog switch that operates from a 2.7V to 5.5V supply. The device offers an excellent ON-resistance matching, and low total harmonic distortion (THD) performance. The device is designed for fast switching speeds with the break-before-make feature to prevent signal distortion during the transferring of signal from one channel to another. These features make this device suitable for portable audio applications.

The G3205 is available in the MSOP-10 package.

Ordering Information

ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G3205P71U	G3205	-40°C to +85°C	MSOP-10

Note: P7: MSOP-10

1: Bonding Code

U: Tape & Reel

Pin Configuration

