

Low-Voltage SPDT Analog Switch

Features

- Maximum 10Ω ON-State Resistance at 3.3V Vcc
- Low Charge Injection
- Isolation in Powerer-Down Mode, V+=0
- Excellent ON Resistance Matching
- +1.65V to +5.5V Single-Supply Operation
- Low Total Harmonic Distortion
- Low supply Current (<1μA)
- Break-before-make enable circuitry
- Control inputs 5-V Tolerant
- SC-70-6 (SOT-363) package

Applications

- Cell Phones
- PDAs
- Portable Instrumentation

General Description

The G3201 is a SPDT (Single-Pole/Double-Throw) analog switch that operates from a 1.65V 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 G3201 is available in the SC-70-6 (SOT-363) package.

Ordering Information

ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G3201TL1U	321x	-40°C to 85°C	SC-70-6 (SOT-363)
G3201TL2U	32Ax	-40°C to 85°C	SC-70-6 (SOT-363)

Note :TL: SC-70-6
 1,2: Bonding Code
 U: Tape & reel

Pin Configuration

