

High-Speed USB 2.0 (480-Mbps) 1:2 Multiplexer/ Demultiplexer Switch with Single Enable

Features

- V_{CC} Operation at 2.5V and 5V
- V_{IO} Accepts Signals up to 5.5V
- 1.8V Compatible Control-Pin Inputs
- Low-Power Mode When OEB is Disabled ($1\mu A$)
- $R_{ON}=6\Omega$ Maximum
- Excellent ON Resistance Matching, $\Delta R_{ON}=0.2\Omega$
- TDFN 3X3-10 package
- ESD > 2000V Human-Body Model (HBM)
- High Bandwidth (1.1 GHz Typical)

General Description

The G3206 is a high bandwidth switch, specially designed for switching of high-speed USB 2.0 signals in handset and consumer applications, such as cell phones, digital cameras, USB I/Os.

The G3206 is available in the TDFN3X3-10 package.

Applications

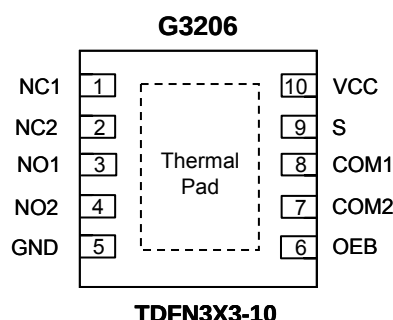
- Routes Signals for USB 1.0, 1.1 and 2.0

Ordering Information

ORDER NUMBER	MARKING	TEMP. RANGE	PACKAGE (Green)
G3206RE1U	3206	-40°C to 85°C	TDFN3X3-10
G3206RE1D	3206	-40°C to 85°C	TDFN3X3-10

Note: RE: TDFN3X3-10
 1: Bonding Code
 U & D: Tape & reel

Pin Configuration



Note: Recommend connecting the Thermal Pad to the GND or let it keep floating.

Block Diagram

