

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

## Features

- V<sub>CC</sub> Operation at 2.5V and 5V
- V<sub>IO</sub> Accepts Signals up to 5.5V
- 1.8V Compatible Control-Pin Inputs
- Low-Power Mode When OEB is Disabled (1μA)
- R<sub>ON</sub>=6Ω Maximum
- Excellent ON Resistance Matching, ΔR<sub>ON</sub>=0.2Ω
- 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

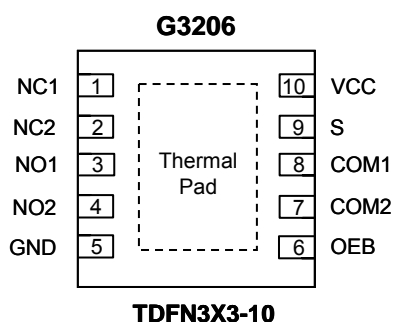
- Routes Signals for USB 1.0, 1.1 and 2.0

## 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

