

## Product Overview

### 7WBD3125: 2-Bit Translating Bus Switch

For complete documentation, see the data sheet.

The 7WBD3125 is an advanced high-speed low-power 2-bit translating bus switch in ultra-small footprints.

#### Features

- High Speed:  $t_{PD} = 0.25 \text{ ns (Max) @ } V_{CC} = 4.5 \text{ V}$
- 3 ohms Switch Connection Between 2 Ports
- Power Down Protection Provided on Inputs
- Zero Bounce
- TTLCompatible Control Inputs
- UltraSmall PbFree Packages
- These are PbFree Devices

#### Applications

- I2C, SMBus, PMBus

Part Electrical Specifications										
Product	Compliance	Status	Channels	Number of Switches	Configuration	$I_{cc} \text{ Max (}\mu\text{A)}$	$r_{on} \text{ Max (}\Omega\text{)}$	$V_{CC} \text{ Min (V)}$	$V_{CC} \text{ Max (V)}$	Package Type
7WBD3125AMUTCG	Pb-free Halide free	Active	2	2	SPST	1	15	4	5.5	UQFN-8
7WBD3125MUTAG	Pb-free	Active	2	2	SPST	1	15	4	5.5	UDFN-8
7WBD3125USG	Pb-free Halide free	Active	2	2	SPST	1	15	4	5.5	US8
NLV7WBD3125USG	AEC Qualified PPAP Capable Pb-free Halide free	Active	2	2	SPST	1	15	4	5.5	US8

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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