

Product Overview

NL3HS2222: High-Speed USB 2.0 DPDT Switch

For complete documentation, see the data sheet.

The NL3HS2222 is a DPDT switch optimized for high-speed USB 2.0 applications within portable systems. It features ultra-low on capacitance, $C_{ON} = 7.5 \text{ pF}$ (typ), and a bandwidth above 950 MHz. It is optimized for applications that use a single USB interface connector to route multiple signal types. The C_{ON} and R_{ON} of both channels are suitably low to allow the NL3HS2222 to pass any speed USB data or audio signals going to a moderately resistive terminal such as an external headset.

Applications

- USB 2.0 Switch

Part Electrical Specifications											
Product	Pricing (\$/Unit)	Compliance	Status	Channels	Number of Switches	Configuration	I_{CC} Max (μA)	r_{ON} Max (Ω)	V_{CC} Min (V)	V_{CC} Max (V)	Package Type
NL3HS2222MUTBG	0.3333	Pb-free Halide free non AEC-Q and PPAP	Active	2	2	DPDT	1	8.6	1.65	4.5	UQFN-10

For more information please contact your local sales support at www.onsemi.com.

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