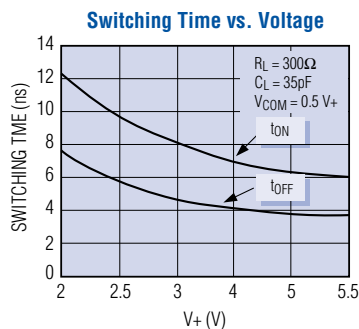
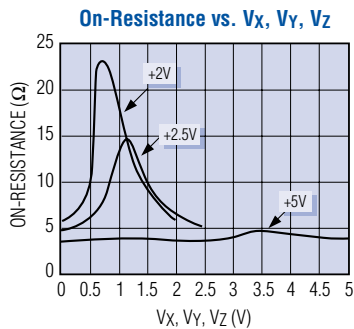


# WORLD'S FASTEST CMOS MULTIPLEXERS SWITCH AT 10ns

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- ◆ Fast Switching Speeds (15ns  $t_{ON}$ , 10ns  $t_{OFF}$ )
- ◆ Low  $R_{ON}$  (10Ω max at 5V)
- ◆ Pin Compatible with Industry-Standard 74HC4051-53 and MAX4581-83
- ◆ 2.0V to 5.5V Specified Supply Operation
- ◆ High Off-Isolation (-93dB at 100kHz)
- ◆ Low Crosstalk (-96dB at 100kHz)
- ◆ Guaranteed Low Leakage Current (1nA max at +25°C)
- ◆ TTL/CMOS Logic Input Control
- ◆ Low  $R_{ON}$  Match and Flatness Between Channels (1Ω max)
- ◆ Available in Tiny 16-Pin TSSOP, SOIC, and DIP Packages

PART	FUNCTION	$R_{ON}$ (Ω max)	$R_{ON}$ MATCH/FLATNESS (Ω max)	SWITCHING TIMES		INDUSTRY-STANDARD PINOUT
				$t_{ON}$	$t_{OFF}$	
MAX4617	8:1 Mux	10	1	15	10	74HC4051/MAX4581
MAX4618	Dual 4:1 Mux	10	1	15	10	74HC4052/MAX4582
MAX4619	Triple SPDT Switch	10	1	15	10	74HC4053/MAX4583



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