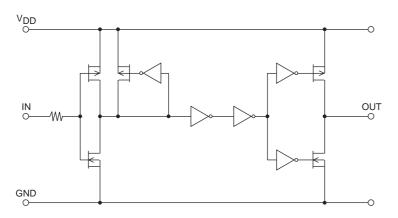
TND301S

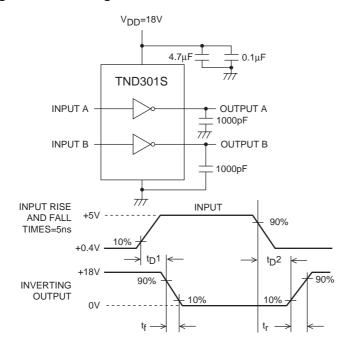
Electrical Characteristics (DC Characteristics) at Ta=25°C, V_{DD}=4.5 to 25V

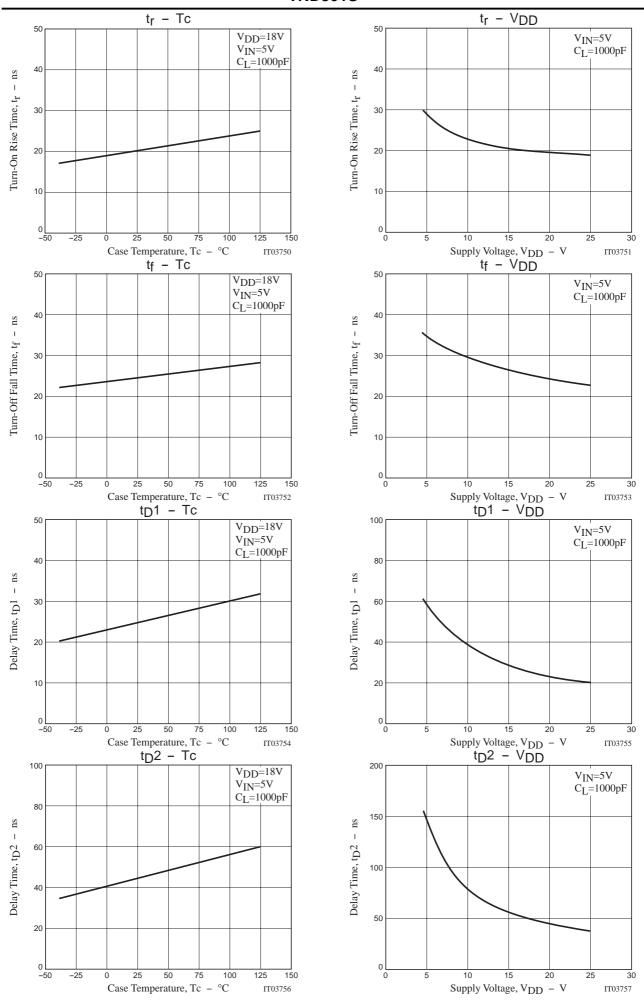
Parameter	Symbol	Conditions	Ratings			Unit
			min	typ	max	Onit
Logic "1" Input Voltage	VIH		2.6			V
Logic "0" Input Voltage	VIL				0.8	V
Input Bias Current	IIN	V _{IN} =0 or V _{DD}	-1		1	μΑ
High Level Output Voltage	Voн	I _O =0	V _{DD} -0.1			V
Low Level Output Voltage	VOL	IO=0			0.1	V
V _{DD} Supply Current	Isupp	V _{DD} =10V, V _{IN} =3V, (both inputs)		1.0	4.5	mA
		V _{DD} =10V, V _{IN} =0, (both inputs)			0.2	mA
Output High Short Circuit Pulsed Current	IO+	V _{DD} =18V, PW≤10μs, V _{OUT} =0		2.0		Α
Output Low Short Circuit Pulsed Current	IO-	V _{DD} =18V, PW≤10μs, V _{OUT} =18V		2.0		Α
Output On Resistance	ROUT	V _{DD} =18V, Iload=10mA, V _{OUT} ="H"		4	6	Ω
		V _{DD} =18V, Iload=10mA, V _{OUT} ="L"		3	5	Ω

Block Diagram



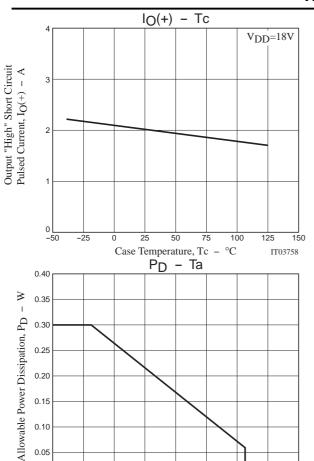
Switching Time Measuring Circuit





Discontinued

TND301S



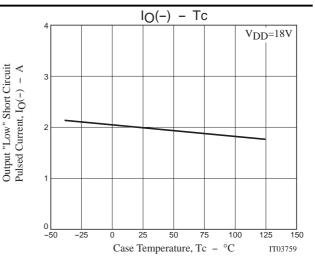
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Ambient Temperature, Ta - °C

100

120

IT03760



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