



PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT 1 - PCN # : N1207-01

PCN Type: Datasheet Change

Detail Of Change:

From:

Table 5F. AC Characteristics^(1,5), $V_{DD} = 2.5V \pm 0.2V$, $T_A = 0^\circ C$ to $70^\circ C$

Symbol	Parameter	Test Conditions	Minimum	Typical	Maximum	Units
$t_{sk(o)}$	Same Device Output Pin-to-Pin Skew ⁽²⁾				50	ps
$t_{sk(p)}$	Pulse Skew ⁽³⁾				125	ps
$t_{sk(pp)}$	Part-to-Part Skew ⁽⁴⁾				300	ps
t_{pLH}	Propagation Delay, Low-to-High	A Crosspoint to Qn, \overline{Qn} Crosspoint		1.25	1.75	ns
t_{pHL}	Propagation Delay, High-to-Low			1.25	1.75	ns
f_o	Frequency Range ⁽⁶⁾				450	MHz
t_{PGE}	Output Gate Enable Crossing V _{THI} -to-Qn/ \overline{Qn} Crosspoint				3.5	ns
t_{PGD}	Output Gate Enable Crossing V _{THI} -to-Qn/ \overline{Qn} Crosspoint Driven to Designated Level				3.5	ns
t_{PWRDN}	PD Crossing V _{THI} -to-Qn = V_{DD} , $\overline{Qn} = V_{DD}$				100	μS
t_{PWRUP}	Output Gate Disable Crossing V _{THI} to Qn/ \overline{Qn} Driven to Designated Level				100	μS
t_R / t_F	Output Rise/Fall Time ⁽⁶⁾	20% to 80%	125		600	ps

To:

Table 5F. AC Characteristics^(1,5), $V_{DD} = 2.5V \pm 0.2V$, $T_A = 0^\circ C$ to $70^\circ C$

Symbol	Parameter	Test Conditions	Minimum	Typical	Maximum	Units
$t_{sk(o)}$	Same Device Output Pin-to-Pin Skew ⁽²⁾				50	ps
$t_{sk(p)}$	Pulse Skew ⁽³⁾				125	ps
$t_{sk(pp)}$	Part-to-Part Skew ⁽⁴⁾				300	ps
t_{pLH}	Propagation Delay, Low-to-High	A Crosspoint to Qn, \overline{Qn} Crosspoint		1.7	1.9	ns
t_{pHL}	Propagation Delay, High-to-Low			1.7	1.9	ns
f_o	Frequency Range ⁽⁶⁾				450	MHz
t_{PGE}	Output Gate Enable Crossing V _{THI} -to-Qn/ \overline{Qn} Crosspoint				3.5	ns
t_{PGD}	Output Gate Enable Crossing V _{THI} -to-Qn/ \overline{Qn} Crosspoint Driven to Designated Level				3.5	ns
t_{PWRDN}	PD Crossing V _{THI} -to-Qn = V_{DD} , $\overline{Qn} = V_{DD}$				100	μS
t_{PWRUP}	Output Gate Disable Crossing V _{THI} to Qn/ \overline{Qn} Driven to Designated Level				100	μS
t_R / t_F	Output Rise/Fall Time ⁽⁶⁾	20% to 80%	125		700	ps