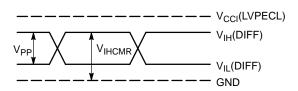


Table 8. AC CHARACTERISTICS $V_{CCI} = 3.0 \text{ V}$ to 3.6 V; $V_{CCO} = 1.6 \text{ V}$ to 2.0 V, GND = 0 V (Note 5)

		0		0 C		25 C		85 C			
Symbol	Characteristic	Min	Тур	Max	Min	Тур	Max	Min	Тур	Max	Unit
V _{Opp}	Differential Output Voltage (Figure 3) fout < 100 MHz fout < 500 MHz fout < 750 MHz	600 600 450	850 750 575		600 600 450	850 750 575		600 600 450	850 750 575		mV mV mV
t _{PLH} t _{PHL}	Propagation Delay (Differential Configuration) LVPECL_CLK to Q HSTL_CLK to Q	680 690	800 830	930 990	700 700	820 850	950 1000	780 790	920 950	1070 1110	ps ps

t



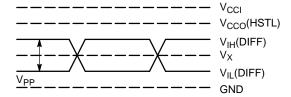


Figure 4. LVPECL Differential Input Levels

Figure 5. HSTL Differential Input Levels

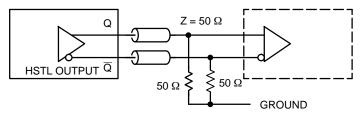
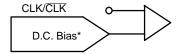
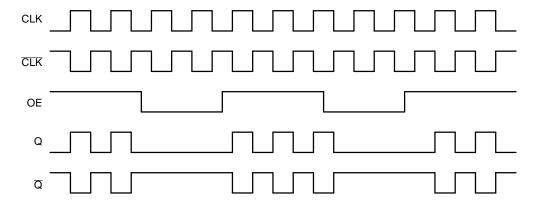


Figure 6. HSTL Output Termination and AC Test Reference



*Must be CLK/ $\overline{\text{CLK}}$ common mode voltage: (($V_{IH} + V_{IL}$)/2).

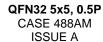
Figure 7. Single-Ended CLK/CLK Input Configuration



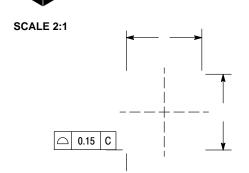


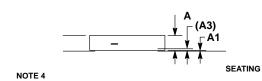
MECHANICAL CASE OUTLINE

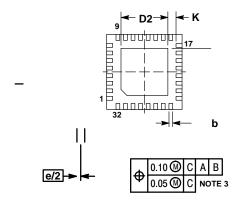
PACKAGE DIMENSIONS



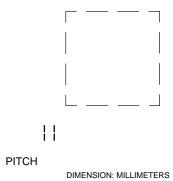
DATE 23 OCT 2013







RECOMMENDED



		MAX	
	0.80	1.00	
A1		0.05	
A3	0.20	R <u>EF</u>	
b	0.18	0.30	
D	5.00	BSC	
D2	2.95	3.25	
E	5.00	BSC	
E2	2.95	3.25	
е	0.50	BSC	
K	0.20		
٦	0.30	0.50	
L1		0.15	

XXXXXXX
XXXXXXX
AWLYYWW=

Free indicator, "G" or

DOCUMENT NUMBER:	98AON20032D	

