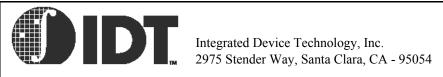


Integrated Device Technology, Inc. 2975 Stender Way, Santa Clara, CA - 95054

PRODUCT/PROCESS CHANGE NOTICE (PCN)							
Product Affect	011-02 cted: QS5917T	DATE:	11/13/00	MEANS OF DISTIN  ☐ Product Mark ☐ Back Mark ☐ Date Code	GUISHING CHANG  Date Code of 0051	GED DEVICES:	
Date Effectiv	e: 12/13/00			□ Other			
Contact:	Bimla Paul						
Title:	Product Assurance Man	ager		Attachment::	Yes	☐ No	
Phone #:	408-654-6419						
Fax #:	408-492-8362			Samples: N/A			
E-mail:	Bimla.Paul@idt.com						
<ul> <li>□ Die Techn</li> <li>□ Wafer Fab</li> <li>□ Assembly</li> <li>□ Equipmen</li> <li>□ Material</li> <li>□ Testing</li> <li>□ Manufactt</li> <li>■ Data Shee</li> <li>□ Other</li> </ul>	Process t uring Site		charact reflect	ise selected timing/fre terization. This is a da any process or produc	ta sheet change only		
CUSTOMER ACKNOWLEDGMENT OF RECEIPT:  IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 30 days of this notice it will be assumed that this change is acceptable.  IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.							
Customer:				Approval for s	shipments prior t	o effective date.	
Name/Date:			E-N	Mail Address:			
Title:			Pho	one# /Fax# :			
CUSTOMER COMMENTS:							
IDT ACKNO	OWLEDGMENT OF R	ECEIPT:					
RECD. BY:				DATE:		_	



### PRODUCT/PROCESS CHANGE NOTICE (PCN)

# ATTACHMENT - PCN #:L0011-02

**PCN Summary** 

PCN Type: Data Sheet Change

**Commodity** Logic

**Forecast or Execute** Execute

Planned or Unplanned Unplanned

**Data Sheet Change** Yes

### **Detail of Change**

#### SWITCHING CHARACTERISTICS TABLE

Symbol	Parameter	From		То		
		Min	Max	Min	Max	
$t_{ m PW}$	Outputs Pulse Width, $\overline{Q5}$ and $2xQ$	Tcy/2 - 0.5ns	Tcy/2 +0.5ns	Tcy/2 - 0.65ns	Tcy/2 +0.65ns	

#### FREQUENCY SELECTION TABLE

Freq_Sel	Output Used for Feedback	(From):			SYNC(MHz) Allowable Range
		Min	Max	Min	Max
1	Q/2	5	$F_{2XQ}/4$	14	$F_{2XQ}/4$
1	$Q_0$ - $Q_4$	10	$F_{2XQ}/2$	28	$F_{2XQ}/2$
1	$\frac{Q_0}{Q5}$ -Q <sub>4</sub>	10	$F_{2XQ}/2$	28	$F_{2XQ}/2$
1	2xQ	20	$F_{2XQ}$	56	$\mathrm{F}_{\mathrm{2XQ}}$
0	Q/2	2.5	$F_{2XQ}/8$	7	$F_{2XQ}/8$
0	$Q_0$ - $Q_4$	5	$F_{2XQ}/4$	14	$F_{2XQ}/4$
0	$\frac{Q_0-Q_4}{Q_5}$	5	$F_{2XQ}/4$	14	$F_{2XQ}/4$
0	2xQ	10	$F_{2XQ}/2$	28	$F_{2XQ}/2$

# PRODUCT/PROCESS CHANGE NOTICE (PCN)

### ATTACHMENT - PCN #:L0011-02

#### SWITCHING CHARACTERISTICS TABLE

Symbol	(From) Parameter	(To) Parameter
$t_{ m PD}$	SYNC Input to Feedback	SYNC Input to Feedback
	Delay, 10 MHz	Delay, 28 MHz

#### INPUT TIMING REQUIREMENTS

Symbol	Description	From		To	
Fı	Input Clock Fraguency	Min	Max	Min	Max
$\mathbf{r}_{\mathrm{I}}$	Input Clock Frequency SYNC <sub>0</sub> , SYNC <sub>1</sub>	5 MHz	$F_{2XQ}MHz$	14 MHz	$F_{2XQ}MHz$