Pulse Instruments

CUSTOMER QUESTIONNAIRE

VISIBLE DEVICE TEST SYSTEM CONFIGURATION

To configure an appropriate test system for your application there are key areas requiring definition. We will use the answers provided to the following questions as a guide to providing a test system configured to meet your present and future testing applications. All answers provided to the following questions will be held in strict confidence by Pulse Instruments.

Ct) S T	OMER: DATE:
I)	a)	EVICE UNDER TEST Device Technology (CCD, CMOS, CID, etc) Image Sensor—Physical Properties i) Size of the Array/Arrays (e.g. 512 x 512, 4K x 4K etc.):
		ii) Device package type; LCC PGA DIL Other:
		iii) Number of pins (e.g. 68, 84 etc.); LCC PGA: DIL Other:
	c)	Image Sensor—Electrical Properties:
	c)	i) Input Characteristics, Clock Inputs
		(1) Max. Input Capacitance:
		(2) Number of Inputs w/max. Capacitance:
		(3) Max. Frequency of Inputs w/max. Capacitance:
		(4) Input Capacitance of other Clock Inputs:
		ii) Number of device signal outputs per package (e.g. 1, 2, etc.):
		iii) Output DC offset voltage; Volts
		iv) Signal Output Characteristics
		(1) R _{LOAD} & C _{LOAD} Required:
		v) Illumination Wavelengths of Interest:
		(1) Overall Range:nm
		(2) Specific Wavelengths:nm
		vi) Clocking Frequency (Frequency of Reset Clock):
		(2.24 mone) (2.24 mone) (2.24 mone).
Ш	DF	EVICE TEST ENVIRONMENTAL CONDITIONS
,		Optical Stimulus Source
	,	i) Collimated Beam
		(1) Maximum Beam size (diameter):mm
		(2) Beam Uniformity/diameter: (%/mm):

III)	BASIC SYSTEM HARDWARE REQUIREM	1ENTS	
,	System Bias Supplies		
	i) Number of DC bias supplies per device		
			V
	iv) Do all bias supplies need the above capabilit	v? Yes	No
b)	System Clock Drivers		
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	ii) Maximum voltage levels +/- iii) Maximum clock amplitude (swing)		_ v
	iii) Maximum clock amplitude (swing)		V
	irr) Claalring fragramary na grainad		
	v) Minimum(fastest) rise/fall times required		
c)	Data Acquisition		
	i) Number of outputs:		
	ii) Analog or digital outputs?		
	iii) Pixel Data Rate (in Hertz):		
	iv) A/D channels, type required:		
	(1) Number of bits: D	Oata Rate:	
	v) Gain Required (x100, x1000 etc.):		
Thank	you for answering the above questions. The abo	ve answers wil	l be of sign
	configuring a system to meet your requirements.		
Person	n to contact, if additional questions or clarification	is required:	
	Name:	-	
	Email:		
	Product Webpage:		
	Troduct w copage		