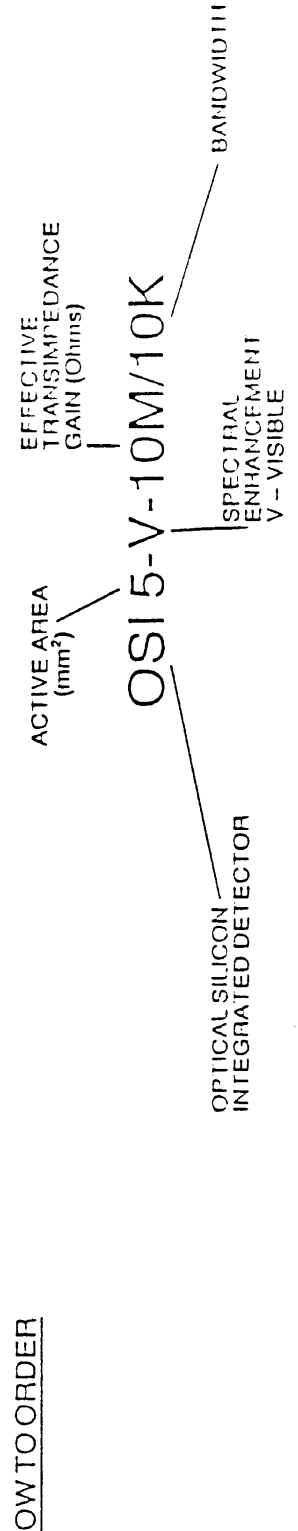




SELECTION CHART FOR SINGLE ELEMENT HYBRIDISED PHOTODETECTORS

SERIES	ACTIVE AREA (mm ²)	ADDITIONAL GAIN OPTION	GAIN (Ohm)	BAND- WIDTH (Hz)	SPECTRAL ENHANCEMENT				PEAK RESPONSIVITY (V/μW) NOTE 1	TYPICAL NEP (W/√Hz) NOTES 1 & 2	TYPICAL MIN POWER LEVEL (μW AT 900 nm) NOTE 1	TYPICAL SATURATION LEVEL (μW AT 900 nm) NOTE 1	PREVIOUS DESIGNATION
					UV	V	IR	E					
OSI 1-300K/10M	1	+	300k	10M	O	O	O		0.15	2x10 ⁻¹²	7x10 ⁻³	26	OSI1-J -K -L OSI1-KHSA
OSI 5-10M/10K	5	+	10M	10k	O	O	O	O	5.8	1.5x10 ⁻¹²	2x10 ⁻⁴	2	OSI5-J -K -L OSI5-E
OSI 5-50M/2K	5		50M	2k		O	O		29	6x10 ⁻¹³	4x10 ⁻⁵	0.4	
OSI 5-100M/1K	5		100M	1k		O	O		58	1x10 ⁻¹³	4x10 ⁻⁶	0.23	
OSI 15-100K/25K*	15	++	100k	25k		O	O		5.8x10 ⁻²	6x10 ⁻¹²	5x10 ⁻⁴	200	
OSI 35-1M/2K5	35	++	1M	2.5k		O	O		5.8x10 ⁻¹	6x10 ⁻¹²	4x10 ⁻⁴	22	
OSI 50-40K/20M*	50	+	40k	20M		O	O		3x10 ⁻²	3x10 ⁻¹¹	0.15	130	
OSI 100-40K/15M	100	+	40k	15M		O	O		3x10 ⁻²	3x10 ⁻¹¹	0.15	130	

- KEY: O AVAILABLE OPTIONS
+ TO SPECIAL ORDER ONLY
++ LOWER GAIN VERSION TO SPECIAL ORDER ONLY
+++ HIGHER GAIN VERSION TO SPECIAL ORDER ONLY
- NOTES:
1. Values given are for the IR spectral enhanced version
 2. NEP figures are stated at 900 nm
 3. Spectral Enhancement: UV = Ultra Violet, V = Visible
IR = Infra-Red, E = Eye Response



HOW TO ORDER