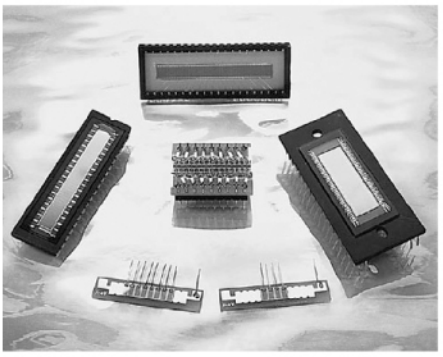
Features

- Common Substrate Array
- Ultra Low Cross Talk
- UV Enhanced (A5V-35UV)
- Low Dark Current
- Low Capacitance
- Solderable

Applications

- Level Meters
- Optical Spectroscopy
- Medical Equipment
- High Speed Photometry
- Computed Tomography Scanners
- Position Sensors



Model Number	Number of Elements	Active Area Per Element		Pitch (mm)	Responsivity (A/W)	Shunt Resistance (MΩ)	Dark Current (pF)	Capacitance (pF)		NEP (W/√Hz)		Temp.* Range (℃)		Package Style
		Area (mm^2)	Dimensions (mm)		970 nm	-10 mV	-10 V	0 V	-10 V	0V 970nm	-10mV 970nm	Operating	Storage	
					typ.	typ.	typ.	typ.		min.	typ.			
Photoconductive Arrays														
A5C-35	35	3.9	4.39 x 0.89	0.99	0.65	-	0.05	-	12	-	6.2 e-15	-30 ~ +85	-40 ~ +125	Pin DIP
A5C-38	38													
Photovoltaic Arrays														
A2V-16	16	1.92	1.57 x 1.22	1.59	0.60	1000	-	170	-	4.8 e-15	-			PCB
A2V-35	35	3.9	4.39 x 0.89	0.99	0.60	1000	-	340	-	4.8 e-15	-			Pin DIP
A3V-38	38													
A2V-76	76	1.8	6.45 x 0.28	0.31	0.50	500	-	160	-	8.2 e-15	-			Ceramic
UV Enhanced Array (All Specifications@ λ=254nm, V_{BIAS}=-10V)														
A5V-35UV	35	3.9	4.39 x 0.89	0.99	0.06**	500	-	340	-	6.8 e-14	-			Pin DIP

Model Number	Number of Elements	Element Size	Active Area per Element	Pitch	Responsivity (A/W)	Open Circuit Voltage / Element (mV)	Shunt Resistance (MΩ)	Capacitance (pF)
		mm (inches)	mm^2 ($inches^2$)	mm (inches)	970 nm	10mW / cm^2 2850 °K	-10 mV	0 V
					typ.	typ.	typ.	typ.
Monolithic Solderable Chip Arrays (Typical Electro-Optical Specifications at T_A=23℃)								
A4V-2	2	1.52 x 2.79 (0.06 x 0.110)	4.24 (0.007)	1.90 (0.075)	0.6	500	1000	500
A4V-4	4							
A4V-6	6							
A4V-8	8							
A4V-10	10							
A4V-12	12							

The chips are equipped with 2″ long bare tinned leads soldered to all anodes and the common cathode.
'V' suffix indicates the device is optimized for 'photovoltaic' operation.
'C' suffix indicates the device is optimized for 'photoconductive' operation.
* Non-Condensing temperature and Storage Range, Non-Condensing Environment.
** λ = 254 nm