

**Series 2: UV Enhanced Photodiodes**

In addition to these photodiodes, Pacific Silicon Sensor can design and manufacture other devices, in differing sizes or shape, in original packaging and/or with similar specifications; both single elements as well as arrays. Like all our photodiodes, they can be housed in the most appropriate package for your application.

Whatever your light sensing needs...

Make Pacific Silicon Sensor your solution.

Part Number	Active Area		Responsivity $\square$ A/W		Shunt Resistance $\square$ M Ω @ 10mV	Capacitance pF @ 5V	Id nA @ 5V	Rise Time μ s @ 850nm, 0V	Pkg (PDF)
	Size (mm)	mm ²	200nm*	340nm*					
PSS 1-2	$\varnothing$ 1.13	1	0.1	0.17	2000	30	0.2	0.5	(92K)
PSS 2-2	$\varnothing$ 1.60	2	0.1	0.17	2000	60	0.4	0.8	(92K)
PSS 5-2	$\varnothing$ 2.52	5	0.1	0.17	1000	100	1	1.5	(92K)
PSS 10-2	$\varnothing$ 3.57	10	0.1	0.17	500	160	1	2.5	(92K)
PSS 20-2	$\varnothing$ 5.05	20	0.1	0.17	100	280	2	3.5	(92K)
PSS Q20-2	4.5 x 4.5	20	0.1	0.17	500	250	0.5	2	(92K)
PSS Q33-2	5.5 x 6.1	33	0.1	0.17	100	450	2	2	(92K)
PSS 50-2	$\varnothing$ 7.98	50	0.1	0.17	70	650	5	6	(92K)
PSS 100-2	$\varnothing$ 11.28	100	0.1	0.17	40	1100	10	10	(88K)

Test conditions: 22°C: All values typical.

* Responsivity measured without window.

