

TO: JEFFERSON SCIENCE ASSOC LLC

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Y/M/D 2012/12/13

FINAL INSPECTION SHEET

HAMAMATSU PHOTONICS K.K.
SOLID STATE DIVISION

TypeNo. S10931-050P

Quantity 292 pcs

Note

Approved by K. Yamamura

Inspected by A. Tanaka

Order Sample Others

Partial Shipment Completed Shipment

Condition

- Vop : Operating Voltage at Gain = 7.50E+05
- Dark(0.5p.e.) : 0.5p.e.darkcount at Vop

Parameter	Vop	Dark(0.5p.e.)						
Unit	V	Mcps						
Spec.	Max.	80	10					
	Typ.	70	6					
	Min.	60						

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Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66635	72.93	7.50E+05	1.1
66636	72.86	7.50E+05	1.1
66637	72.97	7.50E+05	1
66638	72.93	7.50E+05	1
66639	72.92	7.50E+05	1
66640	72.85	7.50E+05	1
66641	72.84	7.50E+05	1
66642	72.79	7.50E+05	1.1
66643	72.78	7.50E+05	1
66644	72.71	7.50E+05	1
66645	72.68	7.50E+05	1.1
66646	72.62	7.50E+05	1
66647	72.57	7.50E+05	1
66648	72.41	7.50E+05	1
66649	72.35	7.50E+05	1
66650	72.18	7.50E+05	0.98
66651	72.2	7.50E+05	0.94
66652	72.23	7.50E+05	0.9
66653	72.2	7.50E+05	0.94
66654	72.31	7.50E+05	0.97
66655	72.37	7.50E+05	1
66656	72.44	7.50E+05	1
66657	72.5	7.50E+05	1
66658	72.63	7.50E+05	1
66659	72.68	7.50E+05	1
66660	72.74	7.50E+05	1
66661	72.78	7.50E+05	1.1
66662	72.83	7.50E+05	1.1
66663	72.86	7.50E+05	1
66664	72.94	7.50E+05	1.1
66665	73	7.50E+05	1
66666	73.05	7.50E+05	1.1
66667	73.08	7.50E+05	1
66668	73.11	7.50E+05	1
66669	73.12	7.50E+05	1.1
66670	73.14	7.50E+05	1.1
66671	73.13	7.50E+05	1.1
66672	73.1	7.50E+05	1
66673	73.07	7.50E+05	1
66674	73.03	7.50E+05	1
66675	72.21	7.50E+05	0.94
66676	72.09	7.50E+05	0.93
66677	72.04	7.50E+05	0.87
66678	72.01	7.50E+05	0.84
66679	72.06	7.50E+05	0.9
66680	72.13	7.50E+05	0.91
66681	72.2	7.50E+05	0.93
66682	72.36	7.50E+05	0.93
66683	72.46	7.50E+05	0.94
66684	72.5	7.50E+05	0.94

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Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66685	72.58	7.50E+05	0.88
66686	72.56	7.50E+05	0.89
66687	72.55	7.50E+05	0.87
66688	72.55	7.50E+05	0.87
66689	72.56	7.50E+05	0.85
66690	72.55	7.50E+05	0.85
66691	72.5	7.50E+05	0.86
66692	72.44	7.50E+05	0.89
66693	72.4	7.50E+05	0.86
66694	72.35	7.50E+05	0.86
66695	72.3	7.50E+05	0.85
66696	72.23	7.50E+05	0.85
66697	72.17	7.50E+05	0.83
66698	72.11	7.50E+05	0.84
66699	72.04	7.50E+05	0.82
66700	71.97	7.50E+05	0.83
66701	71.91	7.50E+05	0.8
66702	71.83	7.50E+05	0.84
66703	71.77	7.50E+05	0.86
66704	72.02	7.50E+05	0.83
66705	72.06	7.50E+05	0.76
66706	72.13	7.50E+05	0.8
66707	72.19	7.50E+05	0.83
66708	72.25	7.50E+05	0.85
66709	72.3	7.50E+05	0.87
66710	72.39	7.50E+05	0.88
66711	72.44	7.50E+05	0.89
66712	72.46	7.50E+05	0.85
66713	72.49	7.50E+05	0.88
66714	72.47	7.50E+05	0.88
66715	72.49	7.50E+05	0.9
66716	72.5	7.50E+05	0.92
66717	72.48	7.50E+05	0.88
66718	72.45	7.50E+05	0.9
66719	72.42	7.50E+05	0.94
66720	72.3	7.50E+05	0.91
66721	72.24	7.50E+05	0.96
66722	72.2	7.50E+05	0.97
66723	72.15	7.50E+05	0.95
66724	72.09	7.50E+05	0.94
66725	71.91	7.50E+05	0.93
66726	71.97	7.50E+05	0.9
66727	72.02	7.50E+05	0.92
66728	72.08	7.50E+05	0.91
66729	72.13	7.50E+05	0.96
66730	72.19	7.50E+05	0.94
66731	72.26	7.50E+05	0.97
66732	72.41	7.50E+05	0.93
66733	72.42	7.50E+05	0.93
66734	72.42	7.50E+05	0.91

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Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66735	72.41	7.50E+05	0.86
66736	72.41	7.50E+05	0.9
66737	72.39	7.50E+05	0.85
66738	72.35	7.50E+05	0.86
66739	72.32	7.50E+05	0.85
66740	72.27	7.50E+05	0.83
66741	72.23	7.50E+05	0.81
66742	72.17	7.50E+05	0.8
66743	72.1	7.50E+05	0.77
66744	72.05	7.50E+05	0.75
66745	72	7.50E+05	0.84
66746	72.04	7.50E+05	0.81
66747	72.1	7.50E+05	0.83
66748	72.14	7.50E+05	0.84
66749	72.19	7.50E+05	0.87
66750	72.24	7.50E+05	0.81
66751	72.26	7.50E+05	0.89
66752	72.32	7.50E+05	0.85
66753	72.37	7.50E+05	0.91
66754	72.37	7.50E+05	0.88
66755	72.39	7.50E+05	0.89
66756	72.37	7.50E+05	0.91
66757	72.34	7.50E+05	0.92
66758	72.3	7.50E+05	0.95
66759	72.24	7.50E+05	0.93
66760	72.18	7.50E+05	0.92
66761	72.11	7.50E+05	0.92
66762	72.04	7.50E+05	0.91
66763	72.09	7.50E+05	0.95
66764	72.01	7.50E+05	0.9
66765	71.93	7.50E+05	0.91
66766	71.86	7.50E+05	0.87
66767	71.78	7.50E+05	0.88
66768	71.75	7.50E+05	0.89
66769	71.74	7.50E+05	0.86
66770	71.8	7.50E+05	0.91
66771	71.84	7.50E+05	0.9
66772	71.91	7.50E+05	0.92
66773	71.96	7.50E+05	0.91
66774	72.17	7.50E+05	0.94
66775	72.24	7.50E+05	0.92
66776	72.29	7.50E+05	0.89
66777	72.32	7.50E+05	0.88
66778	72.33	7.50E+05	0.86
66779	72.31	7.50E+05	0.88
66780	72.29	7.50E+05	0.86
66781	72.27	7.50E+05	0.86
66782	72.25	7.50E+05	0.83
66783	72.24	7.50E+05	0.81
66784	72.19	7.50E+05	0.79

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Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66785	72.16	7.50E+05	0.77
66786	72.11	7.50E+05	0.78
66787	72.11	7.50E+05	0.79
66788	72.03	7.50E+05	0.77
66789	72.04	7.50E+05	0.81
66790	72.04	7.50E+05	0.78
66791	72.07	7.50E+05	0.79
66792	72.11	7.50E+05	0.8
66793	72.15	7.50E+05	0.82
66794	72.2	7.50E+05	0.81
66795	72.21	7.50E+05	0.83
66796	72.21	7.50E+05	0.87
66797	72.23	7.50E+05	0.86
66798	72.25	7.50E+05	0.84
66799	72.26	7.50E+05	0.86
66800	72.02	7.50E+05	0.8
66801	72.22	7.50E+05	0.91
66802	72.16	7.50E+05	0.92
66803	72.11	7.50E+05	0.9
66804	72.01	7.50E+05	0.94
66805	71.93	7.50E+05	0.91
66806	72.16	7.50E+05	0.82
66807	72.08	7.50E+05	0.87
66808	71.84	7.50E+05	0.88
66809	71.79	7.50E+05	0.87
66810	71.74	7.50E+05	0.82
66811	71.71	7.50E+05	0.84
66812	71.72	7.50E+05	0.84
66813	71.71	7.50E+05	0.83
66814	71.73	7.50E+05	0.86
66815	71.84	7.50E+05	0.9
66816	72.17	7.50E+05	0.83
66817	72.14	7.50E+05	0.83
66818	72.1	7.50E+05	0.8
66819	72.09	7.50E+05	0.79
66820	72.02	7.50E+05	0.78
66821	72.08	7.50E+05	0.78
66822	71.7	7.50E+05	0.83
66823	71.74	7.50E+05	0.78
66824	71.78	7.50E+05	0.87
66825	71.82	7.50E+05	0.84
66826	71.86	7.50E+05	0.89
66827	71.92	7.50E+05	0.87
66828	72.25	7.50E+05	0.97
66829	72.31	7.50E+05	0.95
66830	72.39	7.50E+05	0.97
66831	72.44	7.50E+05	0.96
66832	72.51	7.50E+05	0.96
66833	72.57	7.50E+05	0.95
66834	72.62	7.50E+05	0.94

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Serial NO.	Vop[V]	Gain	Dark[Mcps]
			0.5p.e.
66835	72.67	7.50E+05	0.9
66836	72.66	7.50E+05	0.93
66837	72.69	7.50E+05	0.92
66838	72.68	7.50E+05	0.87
66839	72.18	7.50E+05	0.84
66840	72.25	7.50E+05	0.86
66841	72.34	7.50E+05	0.86
66842	72.38	7.50E+05	0.88
66843	72.44	7.50E+05	0.86
66844	72.46	7.50E+05	0.9
66845	72.53	7.50E+05	0.9
66846	72.58	7.50E+05	0.89
66847	72.62	7.50E+05	0.89
66848	72.65	7.50E+05	0.88
66849	72.69	7.50E+05	0.89
66850	72.08	7.50E+05	0.8
66851	72.01	7.50E+05	0.82
66852	71.92	7.50E+05	0.8
66853	71.84	7.50E+05	0.83
66854	71.77	7.50E+05	0.82
66855	71.85	7.50E+05	0.83
66856	71.8	7.50E+05	0.82
66857	71.86	7.50E+05	0.83
66858	71.95	7.50E+05	0.81
66859	72.17	7.50E+05	0.85
66860	72.77	7.50E+05	0.86
66861	72.74	7.50E+05	0.86
66862	72.7	7.50E+05	0.91
66863	72.64	7.50E+05	0.88
66864	72.58	7.50E+05	0.88
66865	72.56	7.50E+05	0.9
66866	72.54	7.50E+05	0.88
66867	72.48	7.50E+05	0.87
66868	72.41	7.50E+05	0.86
66869	72.27	7.50E+05	0.85
66870	72.8	7.50E+05	0.89
66871	72.82	7.50E+05	0.89
66872	72.79	7.50E+05	0.89
66873	72.74	7.50E+05	0.91
66874	72.7	7.50E+05	0.91
66875	72.65	7.50E+05	0.93
66876	72.59	7.50E+05	0.97
66877	72.49	7.50E+05	0.92
66878	72.42	7.50E+05	0.9
66879	72.39	7.50E+05	0.94
66880	72.31	7.50E+05	0.99
66881	72.5	7.50E+05	0.92
66882	72.43	7.50E+05	0.92
66883	72.37	7.50E+05	0.92
66884	72.31	7.50E+05	0.9

