

# OSRAM Infonote

AO-IN-2023-013-I

## Standardization of Chip Design for High Power Laser Bars

15.03.2023

Dear Customer,

please find attached the **OSRAM Infonote**:

## AO-IN-2023-013-I

# Standardization of Chip Design for High Power Laser Bars

Please take note, that this customer notification is for info only and does not require customer approval.

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<b>Objective:</b>	Standardization of Chip Design for High Power Laser Bars
<b>Affected products:</b>	Refer to document 2_cip_AO-IN-2023-013-I
<b>Reason for change:</b>	Standardization of laser bar design for High Power Laser Bars to improve process robustness at bar singulation.
<b>Description of change:</b>	For details refer to file 2_cip_AO-IN-2023-013-I
<b>Time schedule:</b>	Intended start of delivery: 01.12.2023 – 01.04.2024
<b>Assessment:</b>	<ul style="list-style-type: none"><li>○ No change in the physical dimensions.</li><li>○ No changes in electrical and optical parameters.</li><li>○ No changes in reliability of the Laser bars.</li><li>○ Mixed usage of laser-bars with current and new status is possible.</li></ul>
<b>Documentation:</b>	Customer information package 2_cip_AO-IN-2023-013-I

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Material (Q-no.)	Q Description	Device Family	Brand	Sub Brand
Q65113A1981	SPL BK81-12 (801.5 +/-2nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65111A7629	SPL BK81-12 (802 +/-3nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65112A3869	SPL BK81-12 (802,0 +/-2nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65112A3185	SPL BK81-12 (802,6 +/-2nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65112A4423	SPL BK81-12 (803,5 +/-2nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65112A4184	SPL BK81-12 (803 +/-2nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65112A5568	SPL BK81-12 (803 +/-3nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65112A7078	SPL BK81-12 (804 +/-2NM)	SPL BK81-12	Laser Bar	High Power Bar
Q65112A4440	SPL BK81-12 (805 +/-2nm)	SPL BK81-12	Laser Bar	High Power Bar
Q65113A0227	SPL BY81-12-34-00C (789.0 +/-1.5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8977	SPL BY81-12-34-00C (790 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8980	SPL BY81-12-34-00C (790 +/-2NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A3930	SPL BY81-12-34-00C (791 +/-1.5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7893	SPL BY81-12-34-00C (792,0 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8979	SPL BY81-12-34-00C (793 +/-1.5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A9025	SPL BY81-12-34-00C (794,0 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7888	SPL BY81-12-34-00C (795,0 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A2324	SPL BY81-12-34-00C (795.5 +/-1.5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8205	SPL BY81-12-34-00C (796 +/-1,5 nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A2325	SPL BY81-12-34-00C (797.0 +/-1.5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7894	SPL BY81-12-34-00C (798,0 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8978	SPL BY81-12-34-00C (799 +/-1.5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7889	SPL BY81-12-34-00C (800,0 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A3931	SPL BY81-12-34-00C (801 +/-1.5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7897	SPL BY81-12-34-00C (802 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8197	SPL BY81-12-34-00C (803 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7827	SPL BY81-12-34-00C (803 +/-3NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A5108	SPL BY81-12-34-00C (804.0 +/-1.5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7891	SPL BY81-12-34-00C (805,0 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A0226	SPL BY81-12-34-00C (806.0 +/-1.5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8949	SPL BY81-12-34-00C (807,0 +/-1,5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A7896	SPL BY81-12-34-00C (808,0 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A5109	SPL BY81-12-34-00C (809.0 +/-1.5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A2873	SPL BY81-12-34-00C (810.0 +/-1.5nm)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65112A8196	SPL BY81-12-34-00C (811 +/-1,5NM)	SPL BY81-12-34-00C	Laser Bar	QCW
Q65113A5113	SPL BY81-15-34-00C (792.0 +/-2NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A4194	SPL BY81-15-34-00C (793.5 +/-2NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65112A7895	SPL BY81-15-34-00C (795,0 +/-1,5NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65112A7890	SPL BY81-15-34-00C (798,0 +/-1,5NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A4951	SPL BY81-15-34-00C (799.0 +/-2NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65112A7826	SPL BY81-15-34-00C (800 +/-2NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65112A7892	SPL BY81-15-34-00C (802,0 +/-1,5NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A2407	SPL BY81-15-34-00C (802.0 +/-2nm)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A3640	SPL BY81-15-34-00C (803.0 +/-2NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A4378	SPL BY81-15-34-00C (804.0 +/-2NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65112A7829	SPL BY81-15-34-00C (805 +/-3nm)	SPL BY81-15-34-00C	Laser Bar	QCW

Q65112A7898	SPL BY81-15-34-00C (805,0 +/-1,5NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A2895	SPL BY81-15-34-00C (805.0 +/-10nm)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A3394	SPL BY81-15-34-00C (805.0 +/-5nm)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A5111	SPL BY81-15-34-00C (806.0+/-3.0NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65113A5112	SPL BY81-15-34-00C (807.0+/-1.5NM)	SPL BY81-15-34-00C	Laser Bar	QCW
Q65112A7828	SPL BY81-15-34-00C (809,0 +/-2NM)	SPL BY81-15-34-00C	Laser Bar	QCW