

Infonote

AO-IN-2022-032-I

Introduction of NTC Pads on MCB substrate

15.08.2022

Dear Customer,

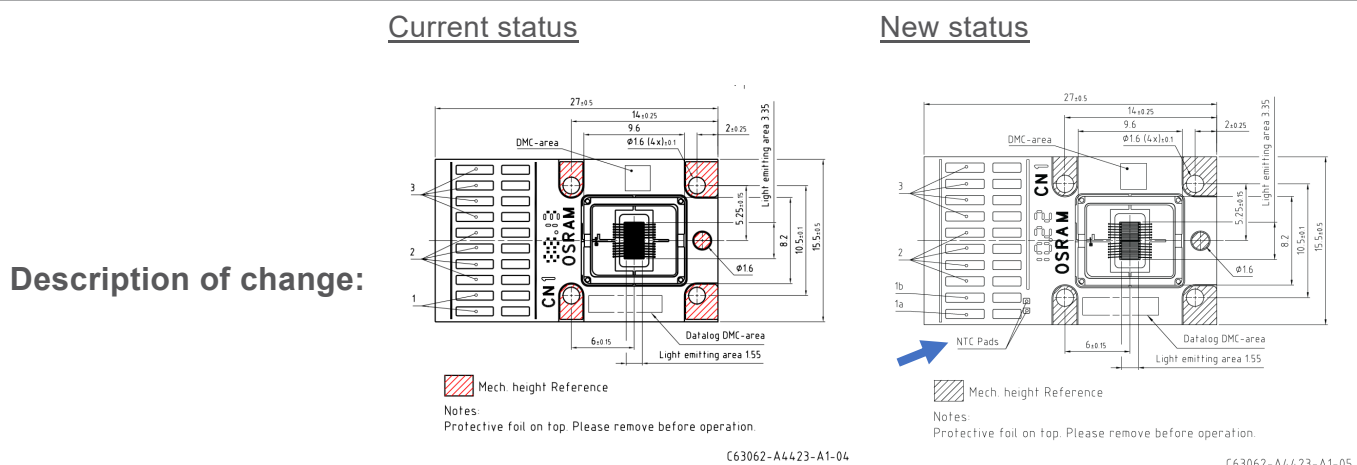
please take note of this **Infonote**.

This customer notification is for information only and does not require customer approval.

Objective: Introduction of NTC Pads on MCB substrate

Affected products: Refer to document 2_cip_AO-IN-2022-032-I

Reason for change: Add Negative Temperature Coefficient (NTC) Thermistor solder pads on MCB substrate



For details refer to file 2_cip_AO-IN-2022-032-I

Date Code: 3522 (WWYY)
LE A P1MR; LE B P1MR; LE D P1MR; LE CG P1AR

Time schedule: Date Code: 0923 (WWYY)
LE A PxMQ; LE B PxMQ; LE D PxMQ; LE CG PxAQ
(X = 1/2/3)

Assessment: No change in function and reliability of the products

Documentation: Customer information package 2_cip_AO-IN-2022-032-I

Infonote
AO-IN-2022-032-I
Introduction of NTC Pads on MCB substrate
Customer information package

OS QM CQM ICI
2022-08-15

Agenda

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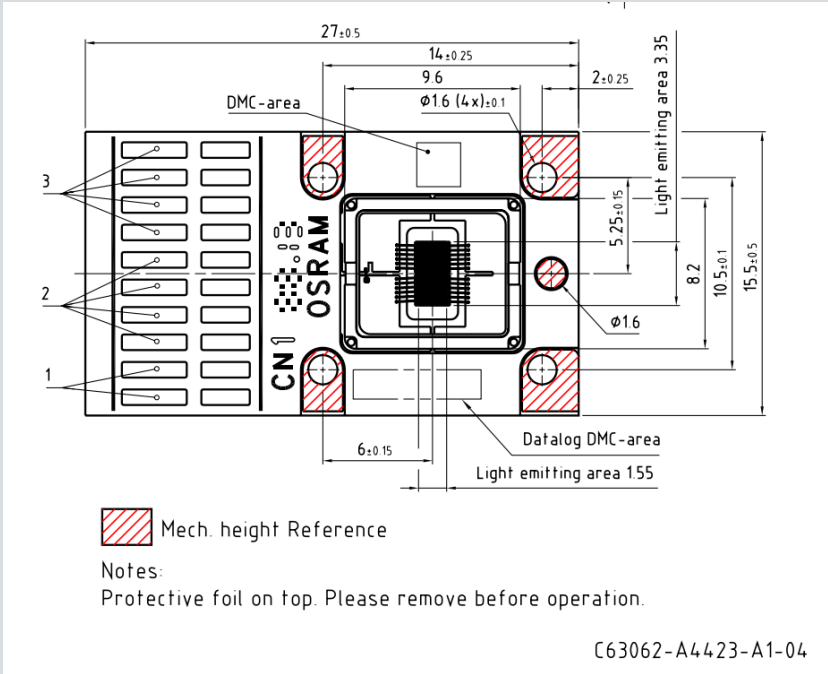
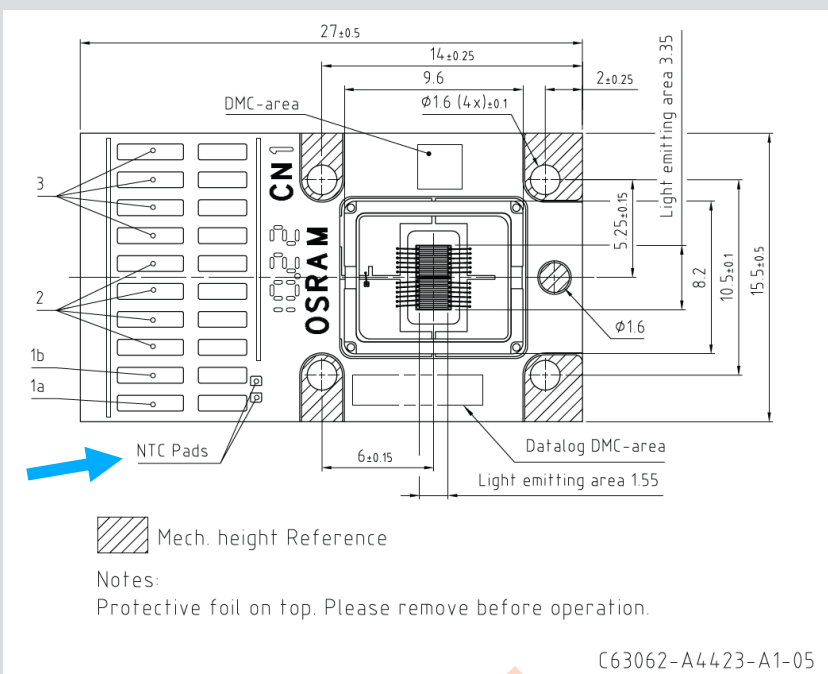
Reason for change

Item	Description
1	Add Negative Temperature Coefficient (NTC) Thermistor solder pads on MCB substrate.
	No change in function and reliability of the products.

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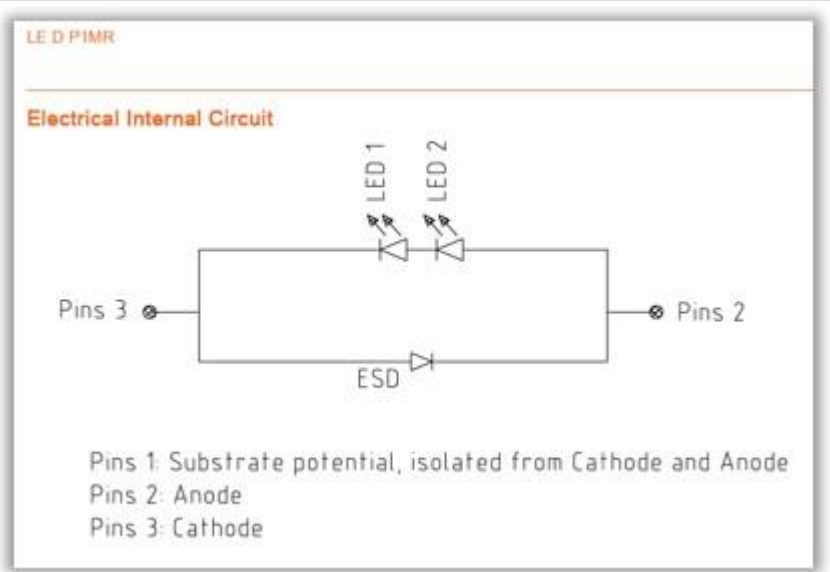
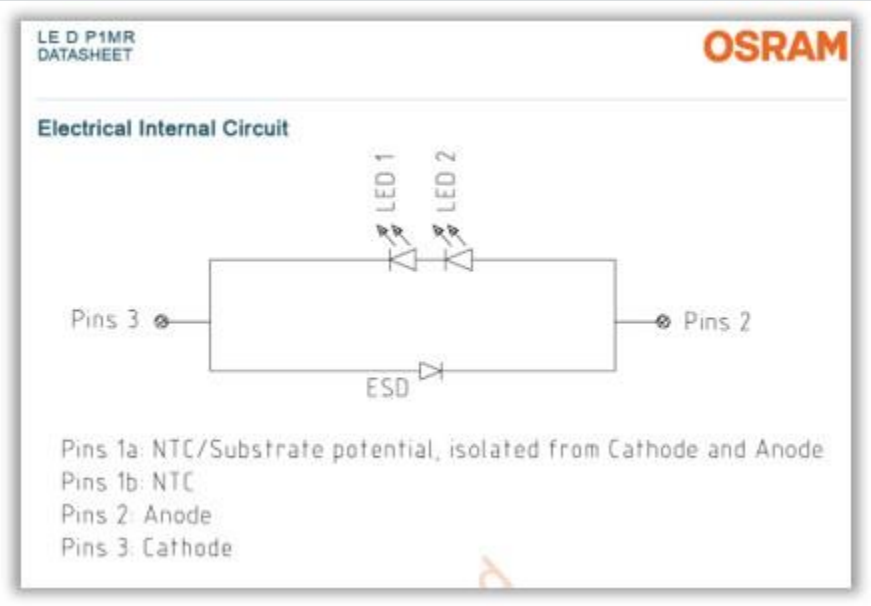
Changes in the datasheets: Dimensional Drawing

Item	Current status	New status
1	 <p style="text-align: right;">C63062-A4423-A1-04</p>	 <p style="text-align: right;">C63062-A4423-A1-05</p>

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Changes in the datasheets: Electrical Internal Circuit

Item	Current status	New status
2	 <p>LED P1MR</p> <p>Electrical Internal Circuit</p> <p>The diagram shows a rectangular circuit with two pins on the left (Pins 3 and Pins 2) and two pins on the right (Pins 2 and Pins 3). Inside the rectangle, there are two LEDs labeled LED 1 and LED 2 connected in series. Below the LEDs, there is an ESD protection diode connected between the two pins on the right.</p> <p>Pins 1: Substrate potential, isolated from Cathode and Anode Pins 2: Anode Pins 3: Cathode</p>	 <p>LED P1MR DATASHEET</p> <p>OSRAM</p> <p>Electrical Internal Circuit</p> <p>The diagram is identical to the current status, but includes a new pin definition: Pins 1a: NTC/Substrate potential, isolated from Cathode and Anode. Pins 1b: NTC.</p> <p>Pins 2: Anode Pins 3: Cathode</p>

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Changes in the datasheets: Updated Datasheet Version

Product type	Data sheet version <u>before</u> IN	Data sheet version <u>after</u> IN
LE A P1MR	1.0	1.1
LE B P1MR	1.0	1.1
LE D P1MR	1.0	1.1
LE CG P1AR	1.1	1.2
LE A P1MQ	1.4	>1.4
LE B P1MQ	1.3	>1.3
LE D P1MQ	1.2	>1.2
LE CG P1AQ	1.3	>1.3

Note: Latest version of data sheet will be accessible on the ams OSRAM homepage.

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Changes in the datasheets: Updated Datasheet Version

Product type	Data sheet version <u>before</u> IN	Data sheet version <u>after</u> IN
LE A P2MQ	1.2	>1.2
LE B P2MQ	1.2	>1.2
LE D P2MQ	1.2	>1.2
LE CG P2AQ	1.4	>1.4
LE A P3MQ	1.2	>1.2
LE B P3MQ	1.3	>1.3
LE D P3MQ	1.2	>1.2
LE CG P3AQ	1.4	>1.4

Note: Latest version of data sheet will be accessible on the ams OSRAM homepage.

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List of affected products

OSRAM OSTAR® Projection Power	
LE A P1MR	LE A P2MQ
LE B P1MR	LE B P2MQ
LE D P1MR	LE D P2MQ
LE CG P1AR	LE CG P2AQ
LE A P1MQ	LE A P3MQ
LE B P1MQ	LE B P3MQ
LE D P1MQ	LE D P3MQ
LE CG P1AQ	LE CG P3AQ

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Time schedule

Time schedule		
Intended Start of Introduction	Date Code: 3522 (WWYY)	LE A P1MR; LE B P1MR; LE D P1MR; LE CG P1AR
	Date Code: 0923 (WWYY)	LE A PxMQ; LE B PxMQ; LE D PxMQ; LE CG PxAQ (X = 1/2/3)

Sensing is life

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Notification	Material (Q-no.)	Q Description
AO-IN-2022-032-I	Q65112A7754	LE A P1MQ-SPST-2-0-F00
AO-IN-2022-032-I	Q65112A7815	LE B P1MQ-FPFT-23-0-F00
AO-IN-2022-032-I	Q65112A7816	LE B P2MQ-GSHQ-23-0-F00
AO-IN-2022-032-I	Q65112A7817	LE B P3MQ-HRJP-23-0-F00
AO-IN-2022-032-I	Q65112A7818	LE CG P2AQ-VRWP-A-0-F00
AO-IN-2022-032-I	Q65112A7819	LE CG P3AQ-WQWU-A-0-F00
AO-IN-2022-032-I	Q65112A7845	LE A P3MQ-URVP-2-0-F00
AO-IN-2022-032-I	Q65112A7846	LE CG P1AQ-TUUS-A-0-F00
AO-IN-2022-032-I	Q65112A7847	LE A P2MQ-TSUQ-2-0-F00
AO-IN-2022-032-I	Q65112A8033	LE D P3MQ-HTJR-R-0-F00
AO-IN-2022-032-I	Q65112A8034	LE D P2MQ-HPHT-R-0-F00
AO-IN-2022-032-I	Q65112A8053	LE D P1MQ-FSGQ-R-0-F00
AO-IN-2022-032-I	Q65112A9475	LE D P1MQ-FSGP-R-0-F00
AO-IN-2022-032-I	Q65112A9483	LE CG P1AQ-TUUQ-A-0-F00
AO-IN-2022-032-I	Q65112A9484	LE B P1MQ-FQFT-23-0-F00
AO-IN-2022-032-I	Q65113A0486	LE B P1MQ-FQFT-23-0-F00-PA
AO-IN-2022-032-I	Q65113A0487	LE CG P1AQ-UPUR-A-0-F00-PA
AO-IN-2022-032-I	Q65113A0488	LE A P1MQ-SPSS-2-0-F00-PA
AO-IN-2022-032-I	Q65113A0491	LE A P3MQ-USUU-2-0-F00-XX
AO-IN-2022-032-I	Q65113A0492	LE B P3MQ-HTJQ-23-0-F00-XX
AO-IN-2022-032-I	Q65113A0493	LE CG P3AQ-WQWS-A-0-F00-XX
AO-IN-2022-032-I	Q65113A0594	LE D P1MQ-FTGP-R-0-F00-XX
AO-IN-2022-032-I	Q65113A0595	LE A P1MQ-SQST-2-0-F00-XX
AO-IN-2022-032-I	Q65113A0597	LE CG P2AQ-VSVT-A-0-F00-XX
AO-IN-2022-032-I	Q65113A0598	LE D P2MQ-HRHS-R-0-F00-XX
AO-IN-2022-032-I	Q65113A0599	LE B P2MQ-GTHQ-23-0-F00-XX
AO-IN-2022-032-I	Q65113A0600	LE CG P1AQ-UQUR-A-0-F00-XX
AO-IN-2022-032-I	Q65113A0613	LE A P2MQ-TUUP-2-0-F00-XX
AO-IN-2022-032-I	Q65113A1927	LE D P1MR-GPGT-R-0-H00
AO-IN-2022-032-I	Q65113A2105	LE B P1MR-FTGR-23-0-H00
AO-IN-2022-032-I	Q65113A2107	LE CG P1AR-USVQ-A-0-H00
AO-IN-2022-032-I	Q65113A2122	LE A P1MR-SSTQ-2-0-H00
AO-IN-2022-032-I	Q65113A2206	LE B P1MQ-FPFS-2-0-F00-XX
AO-IN-2022-032-I	Q65113A2317	LE B P2MQ-GUHR-2-0-F00-XX
AO-IN-2022-032-I	Q65113A2327	LE CG P1AQ-UPUR-A-0-F00-XX
AO-IN-2022-032-I	Q65113A2879	LE A P1MQ-SPSR-2-0-F00-XX
AO-IN-2022-032-I	Q65113A2880	LE B P1MQ-FPFR-23-0-F00-XX
AO-IN-2022-032-I	Q65113A3953	LE B P1MQ-FPFR-3-0-F00-XX