



Customer Information Note

Aug 12th, 2021

Customer Information Note #: 2021103C

Subject: Lumileds informs customers of alternate TVS chip for LUXEON C, LUXEON CZ, LUXEON TX and LUXEON IR.

Overview

Lumileds is notifying customers of an alternate TVS chip that has been qualified for use for LUXEON C, LUXEON CZ, LUXEON TX and LUXEON IR Product Lines. At this time, Lumileds has completed the validation of the alternate TVS chip and is ready to proceed with the implementation. The details of the change and supporting documentation are attached below.

Description of Change(s):	Implementation of alternative TVS chip
Customer Impact and Recommended Actions:	No impact and no recommended actions.
Products affected:	LUXEON C, LUXEON CZ, LUXEON TX and LUXEON IR products – refer to Attachment A.
Reference Documents/Attachments:	Attachment A: Affected Part Numbers Attachment B: Visual Image
Reason for change(s):	To improve supportability and ensure continuity of supply.
Anticipated (positive and negative) impact on form, fit, function or reliability:	There will be a slight change to the product appearance (Attachment B); However there is no impact to the product functionality as a result of the TVS chip change. No other impact on form, fit, function, reliability.
Customer part number(s), if applicable:	See Attachment A for affected Lumileds part numbers
Last Date, if applicable, of manufacture of the unchanged product, if applicable:	Not applicable
Anticipated date when shipments of the changed product can commence:	LUXEON TX with both current and alternate TVS chip will ship interchangeably on or after August 15 th , 2021. LUXEON C, LUXEON CZ and LUXEON IR with both current and alternate TVS chip will ship interchangeably on or after September 15 th , 2021.

Next Steps

No action required. The alternate TVS chip will be implemented on or after the date listed in the table above.

Contact:

If you have any questions, or need any further assistance, please contact your Lumileds sales representative.

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Attachments

Attachment A: Affected part numbers

LUXEON C			
L1C1-2280000000000	L1C1-2780000000000	L1C1-2780000000001	L1C1-27800000CACR0
L1C1-2790000000000	L1C1-3080000000000	L1C1-3080000000001	L1C1-30800000CABU0
L1C1-30800000CABV0	L1C1-30800000CACR0	L1C1-3090000000000	L1C1-3580000000000
L1C1-4070000000000	L1C1-4070000000001	L1C1-4080000000000	L1C1-4080000000001
L1C1-40800000CACK0	L1C1-40800000CADE0	L1C1-4090000000000	L1C1-5070000000000
L1C1-5770000000000	L1C1-5770000000001	L1C1-5790000000000	L1C1-5790000000001
L1C1-57900000CACH0	L1C1-6570000000000	L1C1-BLU10000000000	L1C1-BLU10000CACB0
L1C1-BLU10000CACX0	L1C1-BLU10000CADE0	L1C1-BLU10023000000	L1C1-BLU10034000000
L1C1-BLU20000000000	L1C1-CYN10000000000	L1C1-CYN10000CABB0	L1C1-CYN10000CACU0
L1C1-CYN10000CACW0	L1C1-CYN10023000000	L1C1-CYN10034000000	L1C1-GRN10000000000
L1C1-GRN10000CAAR0	L1C1-GRN10000CABJ0	L1C1-GRN10000CABR0	L1C1-GRN10000CABU0
L1C1-GRN10000CABV0	L1C1-GRN10000CACH0	L1C1-GRN10000CACX0	L1C1-GRN10000CACZ0
L1C1-GRN10023000000	L1C1-LME10000000000	L1C1-LME10000CABR0	L1C1-MNT10000000000
L1C1-PCA10000000000	L1C1-PCA10000CABC0	L1C1-PCA10000CACX0	L1C1-RYL10000000000
L1C1-RYL10000CABJ0	L1C1-RYL10000CABQ0	L1C1-RYL10000CABU0	L1C1-RYL10000CABV0
L1C1-RYL10000CACB0	L1C1-RYL10000CADE0	L1C1-RYL10045000000	L1C1-VLT10000000000
L1C1-VLT10000CACM0	L1C1-VLT10000CADK0		

LUXEON CZ			
L1CU-2280000000000	L1CU-2780000000000	L1CU-27800000CACCO	L1CU-2790000000000
L1CU-3080000000000	L1CU-30800000CACCO	L1CU-3090000000000	L1CU-3580000000000
L1CU-3590000000000	L1CU-4070000000000	L1CU-4080000000000	L1CU-40800000CACYO
L1CU-4090000000000	L1CU-5070000000000	L1CU-5770000000000	L1CU-5790000000000
L1CU-6570000000000	L1CU-BLU10000000000	L1CU-CYN10000000000	L1CU-GRN10000000000
L1CU-GRN10000CABR0	L1CU-GRN10000CACCO	L1CU-LME10000000000	L1CU-LME10000CABR0
L1CU-MNT10000000000	L1CU-PCA10000000000	L1CU-RYL10000000000	L1CU-RYL10000CABR0
L1CU-RYL10000CACCO	L1CU-VLT10000000000		

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LUXEON TX			
L1T2-2770000000000	L1T2-2770000002600	L1T2-2780000000000	L1T2-2780000002200
L1T2-27800000CACF0	L1T2-2780300000000	L1T2-27803000CAAF0	L1T2-2780500000000
L1T2-27805000CAAU0	L1T2-2785300000000	L1T2-2790000000000	L1T2-2790300000000
L1T2-3070000000000	L1T2-3070000002600	L1T2-3070000002800	L1T2-3070000002900
L1T2-3070000003000	L1T2-30700000AWF70	L1T2-30700000CAAD0	L1T2-30700000CABF0
L1T2-30700000CABZ0	L1T2-30700000CACA0	L1T2-3080000000000	L1T2-3080000002300
L1T2-30800000CAAN0	L1T2-30800000CAAV0	L1T2-30800000CABF0	L1T2-3080300000000
L1T2-3080300002400	L1T2-30803000CAAF0	L1T2-3080500000000	L1T2-3080500002400
L1T2-30805000CAAU0	L1T2-3085300000000	L1T2-3090000000000	L1T2-3090300000000
L1T2-3580000000000	L1T2-35800000CAAS0	L1T2-3580300000000	L1T2-3580300002500
L1T2-35803000CAAF0	L1T2-3580500000000	L1T2-3580500002300	L1T2-35805000CAAU0
L1T2-3585300000000	L1T2-3585500000000	L1T2-4070000000000	L1T2-4070000002900
L1T2-4070000003000	L1T2-4070000003100	L1T2-40700000AWF70	L1T2-40700000CAAD0
L1T2-40700000CAAZ0	L1T2-40700000CABF0	L1T2-40705000CAAU0	L1T2-4080000000000
L1T2-4080000002700	L1T2-40800000CAAN0	L1T2-40800000CAAS0	L1T2-40800000CAAV0
L1T2-40800000CABF0	L1T2-40800000CACF0	L1T2-4080300000000	L1T2-40803000CAAF0
L1T2-4080500000000	L1T2-40805000CAAU0	L1T2-4085000002100	L1T2-4085300000000
L1T2-4085500000000	L1T2-5070000000000	L1T2-5070000002800	L1T2-5070000002900
L1T2-5070000003000	L1T2-5070000003100	L1T2-50700000AWF70	L1T2-50700000CABF0
L1T2-50705000CAAU0	L1T2-5075000000000	L1T2-5080000000000	L1T2-5080300000000
L1T2-5080500000000	L1T2-50805000CAAU0	L1T2-5085000000000	L1T2-5085000002100
L1T2-5085300000000	L1T2-5770000000000	L1T2-5770000003000	L1T2-5770000003100
L1T2-57700000CAAY0	L1T2-57700000CABA0	L1T2-57700000CABD0	L1T2-57700000CABF0
L1T2-57700000CABX0	L1T2-57700000CABY0	L1T2-57705000CAAU0	L1T2-5775000000000
L1T2-5790000000000	L1T2-57900000CABK0	L1T2-5790300000000	L1T2-5790300002200
L1T2-6570000000000	L1T2-65700000CACJ0	L1T2-65700000EX050	LXH7-FW30
LXH7-FW30-326	LXH7-FW30-332	LXH7-FW30-388	LXH7-FW30-416
LXH7-FW40	LXH7-FW40-0240	LXH7-FW40-326	LXH7-FW40-416
LXH7-FW50	LXH7-FW50-0260	LXH7-FW50-326	LXH7-FW50-456
LXH7-FW57	LXH7-FW57-0260	LXH7-FW57-326	LXH7-FW57-388
LXH7-FW65	LXH8-FW27-3	LXH8-FW27-326	LXH8-FW27-5
LXH8-FW30-3	LXH8-FW30-326	LXH8-FW30-385	LXH8-FW30-388
LXH8-FW30-5	LXH8-FW30-PZ09	LXH8-FW35-3	LXH8-FW35-385
LXH8-FW35-5	LXH8-FW40-3	LXH8-FW40-326	LXH8-FW40-328
LXH8-FW40-348	LXH8-FW40-385	LXH8-FW40-388	LXH8-FW40-5
LXH8-FW50-385	LXH9-FW30	LXH9-FW30-3	LXH9-FW30-5

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LUXEON IR Compact Line			
L11Z-0850000000000	L11Z-0940000000000	L11Z-08500000CACV0	

LUXEON IR Domed Line			
L110-0850150000000	L110-0850090000000	L110-0850060000000	L110-0940150000000
L110-0940090000000	L110-0940060000000	L110-A940050000000	L110-0850050200000
L110-0940050200000	L110-0850060200000	L110-08501500CACD0	L110-08500902CACP0
L110-09400902CACP0	L110-09400602CADA0	L110-09400502CADD0	L110-09400902CADD0
L110-0940060200000	L110-0850090200000	L110-0940090200000	L110-0850150200000
L110-0940150200000	L110-0850955800000	L110-0940955800000	

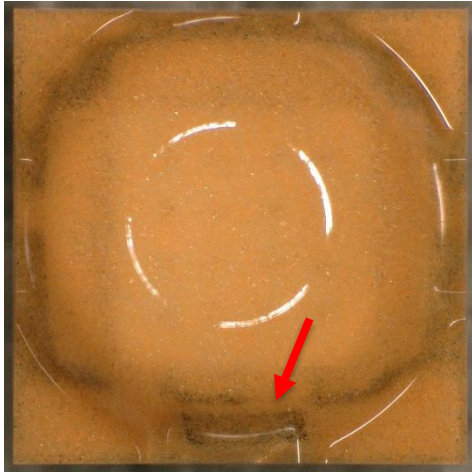
LUXEON IR Domed for Automotive Line			
L110-A850050000000	L110-A850060000000	L110-A850090000000	L110-A850150000000
L110-A940050000000	L110-A9400500CABP0	L110-A940060000000	L110-A940090000000
L110-A9400900CAHT0	L110-A940150000000		

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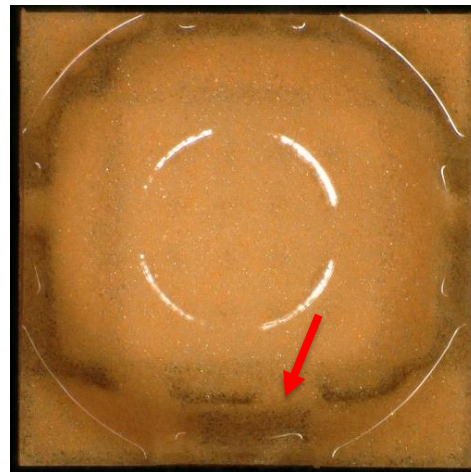
Attachment B: Image of TVS

LUXEON C

Red arrow pointing the location of the TVS chip



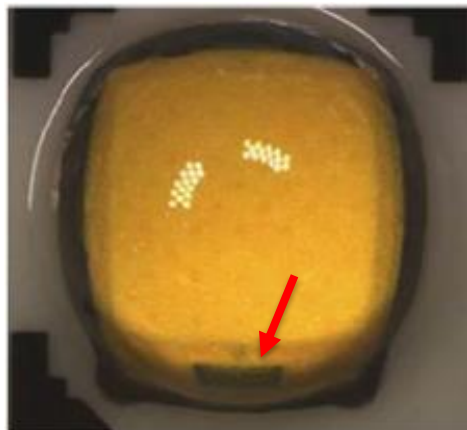
LUXEON C with current TVS chip



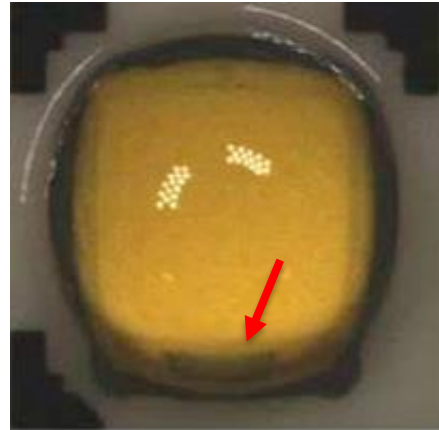
LUXEON C with alternate TVS chip

LUXEON TX

Red arrow pointing the location of the TVS chip



LUXEON TX with current TVS chip



LUXEON TX with alternate TVS chip