

Preliminary PCN

AO-PCN-2025-026-N

Substrate supplier change at
Assembly partners

28.02.2025

Dear Customer,

please review this **Preliminary PCN** and provide your feedback in the **Customer approval form** (at the end of this PCN document) to your ams OSRAM sales partner.

This Preliminary PCN is intended

- to inform our customers about upcoming important product / process changes – upfront of the corresponding final PCN.
- to provide to our customer the background of the intended change and the qualification plan (if applicable).
- **to get feedback on specific customer requirements** at an early stage.

The corresponding **Final PCN** with number “**AO-PCN-2025-026-S**” is scheduled to be published in **July 2025**. Please take note, that PCN approval is only needed for the final PCN.

Your attention and response to this matter is highly appreciated.

Please direct your inquiries to your local Sales office.

Subject of change: Substrate supplier change at Assembly partners

Affected products:

SAP MPN	Description	Q Code	Ordering Code
514120005	AS7331-AQFM OLGA16 LF T&R	Q65114A3064	AS7331-AQFM
514120006	AS7331-AQFT OLGA16 LF T&R	Q65114A3065	AS7331-AQFT
512120028	AS7343-DLGT OLGA8 LF T&RDP	Q65114A1313	AS7343-DLGT
512120030	AS7343L-DLGM OLGA8 LF T&RDP	Q65114A1314	AS7343L-DLGM
512120031	AS7343-DLGM OLGA8 LF T&RDP	Q65114A1315	AS7343-DLGM
505670022	AS7351-DLGT OLGA8 LF T&RDP	Q65113A6677	AS7351-DLGT
512120023	AS7352-DLGT OLGA8 LF T&RDP	Q65114A1312	AS7352-DLGT
511290106	TCS34103 OLGA6 LF T&RDP	Q65114A1290	TCS34103
511290121	TCS34103M OLGA6 LF T&RDP	Q65114A1293	TCS34103M
511290150	TCS34109 OLGA6 LF T&RDP	Q65114A2902	TCS34109
511290151	TCS34109 OLGA6 LF T&RDP	Q65113A8959	TCS34109
514510005	TCS34103 OLGA6 LF T&RDP	Q65113A5843	TCS34103
514510006	TCS34109 OLGA6 LF T&RDP	Q65113A7870	TCS34109
514510007	TCS34103 OLGA6 LF T&RDP	Q65113A7888	TCS34103
516811005	TCS34113 OLGA6 LF T&RDP	Q65113A8339	TCS34113
516810013	TCS3412 OLGA6 LF T&RDP	Q65113A9251	TCS3412
514820015	TCS34488M OLGA8 LF T&RDP	Q65114A3087	TCS34488
514820016	TCS34488 OLGA8 LF T&RDP	Q65114A3088	TCS34488
514820017	TCS34498M OLGA8 LF T&RDP	Q65114A3089	TCS34498M
514820018	TCS34498 OLGA8 LF T&RDP	Q65114A3090	TCS34498
511992014	TCS35303-2 OLGA8 LF T&RDP	Q65114A2934	TCS35303-2
511992016	TCS35303-2M OLGA8 LF T&RDP	Q65114A1311	TCS35303-2M
510577007	TCS37183 OLGA14 LF T&RDP	Q65114A1268	TCS37183
510577008	TCS37183 OLGA14 LF T&RDP	Q65114A1269	TCS37183
512262006	TCS37203 OLGA12 LF T&RDP	Q65114A1321	TCS37203
512262016	TCS37203M OLGA12 LF T&RDP	Q65114A1323	TCS37203M
512262017	TCS37209 OLGA12 LF T&RDP	Q65114A1324	TCS37209
515342136	TCS3743 OLGA16 LF T&RDP	Q65113A6573	TCS37433
515342137	TCS37433 OLGA16 LF T&RDP	Q65113A8991	TCS37433
515342146	TCS37433M OLGA16 LF T&RDP	Q65113A7338	TCS37433M
516740135	TCS37433 OLGA16 LF T&RDP	Q65113A8583	TCS37433
510220018	TMD26353 OLGA6 LF T&RDP	Q65114A1247	TMD26353
510220020	TMD26353M OLGA6 LF T&RDP	Q65114A1249	TMD26353M
510221004	TMD26363M OLGA6 LF T&RDP	Q65114A1252	TMD26363M
510221005	TMD26363 OLGA6 LF T&RDP	Q65114A1253	TMD26363
300170011	TMD26723 MOD8 LF T&RDP	Q65114A0930	TMD26723
300170025	TMD26721 MOD8 LF T&RDP	Q65114A3319	TMD26721
511970006	TMD27123 OLGA6 LF T&RDP	Q65114A1309	TMD27123
511970008	TMD27123M OLGA6 LF T&RDP	Q65114A1310	TMD27123M
300170003	TMD27723 MOD8 LF T&RDP	Q65114A3316	TMD27723
300170021	TMD27721 MOD8 LF T&RDP	Q65114A3420	TMD27721
504270020	TMD37024VC OLGA8 LF T&RDP	Q65114A1126	TMD37024VC
504270021	TMD37024VCM OLGA8 LF T&RDP	Q65114A1127	TMD37024VCM
512261006	TMD37213 OLGA8 LF T&RDP	Q65114A2953	TMD37213
512261016	TMD37213M OLGA8 LF T&RDP	Q65114A2955	TMD37213M
511290120	TSL25107 OLGA6 LF T&RDP	Q65114A1292	TSL25107
514516005	TSL25107 OLGA6 LF T&RDP	Q65113A7188	TSL25107
514516006	TSL25107 OLGA6 LF T&RDP	Q65113A8035	TSL25107
514242308	TSL25113 OLGA6 LF T&RDP	Q65113A9510	TSL25113

514242306	TSL25117AS OLGA6 LF T&RDP	Q65113A7189	TSL25117AS
511291106	TSL25203 OLGA6 LF T&RDP	Q65114A1294	TSL25203
511291108	TSL25203M OLGA6 LF T&RDP	Q65114A1296	TSL25203M
511291111	TSL25213 OLGA6 LF T&RDP	Q65114A2904	TSL25213
514511007	TSL25213 OLGA6 LF T&RDP	Q65113A7824	TSL25213
511291109	TSL25213M OLGA6 LF T&RDP	Q65114A1297	TSL25213M
511294206	TSL25223 OLGA6 LF T&RDP	Q65114A1298	TSL25223
514514006	TSL25223 OLGA6 LF T&RDP	Q65113A8962	TSL25203
514514005	TSL25223 OLGA6 LF T&RDP	Q65113A7183	TSL25223
516810005	TSL25253 OLGA6 LF T&RDP	Q65113A8340	TSL25253
516760005	TSL25443 OLGA12 LF T&RDP	Q65113A8344	TSL25443
511295206	TSL25853P OLGA6 LF T&RDP	Q65114A1301	TSL25853P
511295209	TSL25853PM OLGA6 LF T&RDP	Q65114A1302	TSL25853PM
514515006	TSL25853P OLGA6 LF T&RDP	Q65113A7914	TSL25853P
514515007	TSL25853P OLGA6 LF T&RDP	Q65113A7999	TSL25853P

The purpose of this PCN is to notify the customer regarding the upcoming change of the substrate supplier at our Assembly partners. Original source supplier of substrates - Subtron - was acquired by Unimicron. Due to business consolidation, Unimicron decided to close down Subtron factory and exit business with our assembly partners. Therefore, qualification of new substrate supplier is mandatory to ensure continuous uninterrupted supply chain.

Reason for change:

New substrate supplier qualification strategy:

- Products are categorized by substrate thickness/product mold compound;
- Test vehicles for qualification for each group were selected;
- Remaining products (not test vehicles) will be qualified by similarity (QBS) based on final test verification of initial builds.

Tentative PCN timeline



	<u>Current status</u>	<u>New status</u>
	Qualified substrates supplier Subtron used at assembly houses	New substrates supplier(s) will be qualified and used at OSAT:
Description of change:		- Supplier A – qualified substrate vendor @OSAT. Ams Osram's is executing qualifications on new products - Supplier B – 2nd Source, New vendor, on-going assessment
Product identification:	Date code/Trace Code	
Intended final PCN publication:		July 2025
Time schedule for PCN material: (after implementation of change):	Release of final qualification report:	July 2025
	Customer qualification samples will be available right after 168h qualification readouts:	May 2025
	Intended Start of delivery:	01 March 2026 ^{*)}
		^{*)} or earlier if released by customer and upon mutual agreement. Or if the inventory of Subtron substrates is depleted earlier than anticipated
Time schedule for Pre-PCN material: (prior implementation of change):	Last time order date (LTO):	30 March 2025 ^{**) (**) Lead time and LTO quantity shall be mutually agreed between ams Osram and customer and subject of availability at substrate supplier}
	Customer Review Finalization:	31 December 2025 ^{***) (***) planned last date for delivery of products of current status. Depending on available stock level}

Note:

Pre-PCN material: Products of current status, means before implementation of the changes as described in the PCN.

PCN material: Products with implementation of the changes as described in the PCN.

Customer feedback form

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Substrate supplier change at Assembly partners

Please list product(s) affected in your application(s):

Please check the appropriate box below:

☐ **Not relevant:** Change is not relevant for products in use.

☐ **Objections:** We have following objections:

☐ **Additional requirements:**

☐ **We request following Information:**

☐ **We request following Samples:**

☐ **Volume requirements for Pre-PCN material:**

☐ **Remarks:**

Sender:

Company:

Address / Location:

Signature:

Date:

Please return this approval form to your Sales partner.
