



The DNA of tech.™

Product Change Notification



Product Group: OPT/Wed Aug 9, 2023/PCN-OPT-1288-2023-REV-0

Introduction of new IC for MiniCast Mneme products

For further information, please contact your regional Vishay office.

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Description of Change: The new in-house designed IC "Cyllene 2" will replace the "Mneme" IC in existing Product Series without a name change.

It will provide similar electrical and optical characteristics, at nearly 50 percent less current consumption. Besides it provides the best receiving range in bright ambient. The mechanical dimensions remain unchanged.

We require to test the product in customers application.

Reason for Change: The existing external IC supplier has announced the end of production. To assure a long-term product availability of IR Receivers, Vishay developed an in-house IC in cooperation with the world's leading Chip Foundry.

Expected Influence on Quality/Reliability/Performance: No change on quality/Reliability. Similar electrical and optical characteristics.

Part Numbers/Series/Families Affected: Please see materials list on the succeeding page.

Vishay Brand(S): Vishay Semiconductors

Time Schedule:

Start Shipment Date: Sun Nov 5, 2023

Sample Availability: 08th Aug 2023

Product Identification: via date code

Qualification Data: Qual Pack is available

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Sun Sep 10, 2023 or as specified by contract.

Issued By: Rainer Hauschildt, rainer.hauschildt@vishay.com



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?TSOP18136	TSOP18138	TSOP18140	TSOP18156	TSOP18236
TSOP18238	TSOP18240	TSOP18256	TSOP18336	TSOP18338
TSOP18340	TSOP18356	TSOP18436	TSOP18438	TSOP18438DB1
TSOP18438DH1	TSOP18438SB1	TSOP18440	TSOP18456	TSOP18456DD1
TSOP18536	TSOP18538	TSOP18540	TSOP18556	TSOP18636
TSOP18638	TSOP18640	TSOP18656		