



Product Termination Notification

Product Group: OPT/Wed Oct 19, 2022/PTN-OPT-1245-2022-REV-0

End of Life of existing Learning, Repeater and Data Transmission Parts

DESCRIPTION OF CHANGE: The products reached the end of the product life cycle.

We recommended to test the replacement parts in your application.

Details can be found in the Fast Fact.

REASON FOR CHANGE: The existing external IC Supplier has announced to end production.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE: None.

PART NUMBERS/SERIES/FAMILIES AFFECTED: Please see materials list on the succeeding page.

VISHAY BRAND(s): Vishay Semiconductors

TIME SCHEDULE:

Last Time Buy Date: Sun Apr 30, 2023

Last Time Ship Date: Tue Oct 31, 2023

SAMPLE AVAILABILITY: Replacement samples are available

PRODUCT IDENTIFICATION: -

QUALIFICATION DATA: -

This PCN is considered approved, without further notification, unless we receive specific customer concerns before Sun Dec 11, 2022 or as specified by contract.

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For further information, please contact your regional Vishay office.

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ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT



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?HSMP58000	TSMP1138	TSMP4138	TSMP4138SB1	TSMP58000
TSMP58000DD1	TSMP58000SS1BS12Z	TSMP58138	TSMP58138SB1	TSMP6000TR
TSMP6000TT	TSMP77000TR	TSMP77000TT	TSMP77138TR	TSMP77138TT
TSOP6940TR	TSOP6940TT	TSOP53940	TSOP77940TT	TSOP77940WTR
VSOP98260				

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End of Life of existing Learning, Repeater and Data Transmission Parts

Vishay Opto has published PCN-OPT-1245-2022, announcing the end of life of existing TSMP/HSMP Series, TSOPxx940xx and VSOP98260.

FAQ:

Q: Why has Vishay obsolete these parts?

A: The existing IC supplier has announced to end production.

Q: Are there any replacement parts available?

A: For TSMP products, there are replacement parts available.

Vishay has designed a new IC based on the latest chip technology of the worlds leading Chip Foundry, to assure a long-term availability of the new product generation.

The following replacement parts have this new IC inside:

Obsolete parts	Recommended Replacement
HSMP58000	HSMP98000
TSMP1138	TSMP91100
TSMP4138	TSMP94100
TSMP4138SB1	TSMP94100SB1
TSMP58000	TSMP98000
TSMP58000DD1	TSMP98000DD1
TSMP58000SS1BS12Z	TSMP98000SS1BS12Z
TSMP58138	TSMP98100
TSMP58138SB1	TSMP98100SB1
TSMP6000TR	TSMP96000TR
TSMP6000TT	TSMP96000TT
TSMP77000TR	TSMP95000TR
TSMP77000TT	TSMP95000TT
TSMP77138TR	TSMP95100TR
TSMP77138TT	TSMP95100TT
TSOP6940TR	None
TSOP6940TT	None
TSOP53940	None
TSOP77940TT	None
TSOP77940WTR	None
VSOP98260	None



The replacement parts are mechanically the same.
The replacement parts have a wider supply voltage range:
-Obsolete parts: 2.5-5.5V
-Replacement parts: 2.0-5.5V.

The learning type replacements (TSMPx000) have a reduced bandwidth:
-Obsolete parts: 20-60kHz
-Replacement parts: 30-60kHz.
Custom solutions with different bandwidth range (20-50kHz) are also possible.

The repeater type replacements (TSMPx138) have the same bandwidth.

We recommend to order samples and test the replacement parts in your application.
Concerning the obsolete products without a direct replacement, we recommend you to contact our application support via IRR@Vishay.com.

Q: When will samples and datasheets of the replacement parts be available?

A: Datasheets will be available on our website [IR Receivers | Vishay](#) by 1st of November.
Samples will be available end of October 2022.
They can be ordered by contacting me or our Business Marketing colleagues mentioned below.

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