

Product /Process Change Notification

PCN-20240168

Description of Change:

LITEON announced that the driver IC used in the following products will be changed.

LTST-E183CEGBW	LTST-E183CEGBW-TO	LTST-E683CEGBW
LTST-416CEGB1W-P	LTST-E563CEGB1W-T1	LTST-E563CEGB1W-TO
LTST-E183CEGB2-TWK	LTST-E183CEGB2W	LTST-E563CEGB2W
LTST-E563CEGB2W-AS	LTST-E563CEGB2W-JA	LTST-E683CEGB2W

Reason of Change:

Current IC will be discontinued by the supplier on June 30, 2025. The EOL letter is attached.

The replacement new IC will be fully compatible with the original specifications and have the following upgrade functions.

Effect of Change:

Protocol is fully compatible. The features of Standby Current, Sleep Mode and Power Reset are upgraded. The BOR (brown-out-reset) function ensures that device could work well, especially for the application with rapid power on/power off switching. Once the supply voltage goes below the level set by BOR, and it will put the device into a reset state to ensure proper startup when power returns.

Features		Current IC	New IC
IC Dimension (um)		606(L) x 536(W) x 152(H)	499(L) x 470(W) x 102(H)
Supply Voltage		3.3-5.5 V	3.0-5.5 V
Protocol	T1H	900±150 ns	900±150 ns
	T1L	300±150 ns	300±150 ns
	T0H	300±150 ns	300±150 ns
	T0L	900±150 ns	900±150 ns
	Reset Time	>250 us	>250 us
	PWM	8-bit	8-bit
Standby Current		1.5 mA	0.8 mA
Sleep Mode		No	Support
Power Reset		POR	POR + BOR

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Reliability Data:

LITEON's existing internal qualification process has implemented for the alternative material to ensure the devices meet or exceed LITEON's quality and reliability requirements.

Reliability data is available upon request.

Effective Date of Change:

The new specification will be running change from July 1, 2025.

Last Buy:

2025/02/28

Response Date:

This PCN is considered approved, without further notification, unless we receive specific customer concerns within 2 months after the PCN issuance date.

Issued by:

Visible PDD / Product Design Team

2024/12

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安沛科技股份有限公司
ANAPEX TECHNOLOGY INC.

Product End of Life Notice

Dear Valuable customers,

Issue Date : 2024/08/15

EOL No. : EOL-202408-001

感謝各位對安沛科技股份有限公司長期以來的愛護與支持，我們秉持不斷研究開發創新且好品質的產品，超越客戶的期待一直是安沛努力追求的目標。

We appreciated all valued customers support for ANAPEX Technology Inc..
ANAPEX strives to provide the best innovative, and high quality products.
Our goal is to exceed customer expectations.

為達成此目標，我們必須定期重新評估我們的產品，我們特此通知
AP6110 系列產品將於 2025/06/30 停產，我們發出此停產通知，讓您知悉產品
變更狀況、最後購買與最終出貨日

We must periodically re-evaluate our product to toward our goal, we decided
to discontinue AP6110 series at 2025/06/30. This notification will let you
know the status of the product changes, the last purchase date, and the final
shipping date.

停產產品 EOL Product : AP6110-05、AP6110-12、AP6110-18、AP6110-20
停產原因 Reason of EOL : Phase out
建議替代產品 Suggested Replacement Product : AP6116S series products
最後訂購期限 Last Purchase date : 2025/3/31

造成不便之處，期望各位能予以諒解，並秉持以往惠顧之意，繼續給予支持與愛護。謝謝！

ANAPEX apologizes for any inconvenience caused by the EOL. Please
kindly understand it and continue to give us support in future. Thank you!

