

Date : 2026.03.31

Dear Sirs & Madams,

Please be informed that the following technical changes will be implemented to the products you are currently purchasing.

1. Contents of Change

Item	Current	New
LED driver IC	Renesas ISL97687	TI TPS92390

2. Product

Part Name	Revision		Implement schedule (*)	Note
	Current	New		
TX29D200VM0AAA TX29D200VM0AAB	A	B	Q2 2026	3-1 (LCD change) 3-2 (LED DR IC change)

1. Reason of Change

[3-1] Our Japanese TFT production lines are undergoing consolidation to improve the efficiency and to adopt the updated technologies. To ensure the continuity of our product supply, the qualified LCD front-end plant has been sourced.

[3-2] Current LED driver IC (Renesas) is discontinued, TI IC is qualified to ensure the continuity of our product supply.

2. Impact on Product Specification

[4-1] Horizontal cycle time is changed (Min. 1000 -> 1020 ; Max. 1200 -> 1124).

[4-2] Horizontal CLK Frequency is changed (Max. 86.4 -> 80.9)

[4-3] All the other specifications remain unchanged.

[4-4] LED driver IC specification comparison table is below.

3. Schedule

Implementation schedule (Q2 2026) is estimated. The actual cut-in lot may be changed with the varied demand and the consumption of current components. Exact introduction will be provided in the future product notice.

In case of further questions, please contact your sales representative. Thank you.

Proposed by: _____

Alex Lee / Senior Manager

Electrical Design Section



Engineering Development Dept.

Appendix: LED driver IC specification comparison table

Backlight Characteristics	Current			New		
	Min	Typ	Max	Min	Typ	Max
PWM signal voltage(High)	1.5	--	5.5	2	3.3	3.6
PWM signal voltage(Low)	--	--	0.8	--	--	0.4
BL enable	1.5	--	4	2	3.3	3.6

Absolute Maximum Ratings	Current		New	
	Min	Max	Min	Max
Backlight Voltage for PWM	-0.3	5	-0.3	3.6
Backlight Voltage for EN	-0.3	5	-0.3	3.6