

Date : 2024.08.06

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
LCD Driver IC	Gate	Rohm (P/N: ML9870-02DVWA)	Himax (P/N: HX8678-C01DPD200-LT)
	Source	Rohm (P/N: ML9863A-01DVWA)	Himax (P/N: HX8272-C01DPD2006-LTP)
Tcon IC		Thine (P/N: THF9802)	Built-in with Source IC
LED Driver IC		Renesas (P/N: ISL97678IRZ) Rohm (P/N: BD93941EFV)	Renesas (P/N: ISL97678IRZ)

2. Product

Part Name	Revision		Implement schedule (*)
	Current	New	
TX31D200VM0BAA	C/D	E	Q4 2025

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

3. Reason of Change

[3-1] The Current LCD Driver ICs and Tcon IC are discontinued, the alternative ones are sourced and qualified to ensure the continuity of our product supply.

[3-2] LED Driver IC is consolidated to improve the production lead time.

[3-3] 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.

4. Impact on Product Specification

[4-1] Min. Horizontal cycle time is changed (1320 → 1337 CLK).

[4-2] Operating temperature range is enhanced (-30~80°C → -40~85°C).

[4-3] CN1 and CN2 are relocated, but pin assignment and pin-1 location remains unchanged.

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

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

Proposed by: Oblack Tsai
 Oblack Tsai / Senior Manager
 LCM Design Section
 Engineering Development Dept.