

Product Change Notice

ECR No	ECR_25000407	Date	Mar 03 th , 2026
Customer			
Model Name	Original		
	New		
Cause of Change	Improve the issue where LCM cannot be shut down when the system enters standby mode.		
Content of Modification	- PCB design change - SPEC Added User Guide - Electric parameter : No changes		
Type of Acting	☒ Running Change ☐ Cut in ☐ 2nd source Approval ☐ Others: _____		
Powertip Signature	Action	Signature	Date
	Prepared by	Yuan Chang	Mar 03 th , 2026
	Checked by	Rex Liao	Mar 03 th , 2026
Appendix Documents	-		
For customer			
Signature	Action	Signature	Date
Customer's Comment			

Related Models :

PH128800T006-ZFC05

PH128800T007-ZHA02

PH128800T007-ZHA04

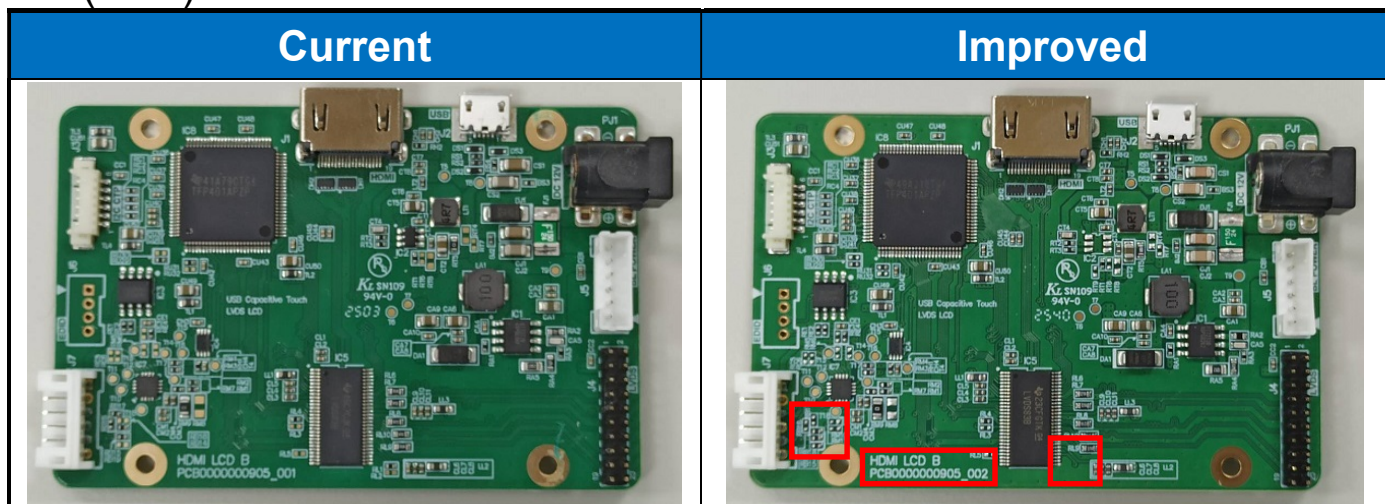
PH128800T007-ZHC04

PH128800T007-ZHR02

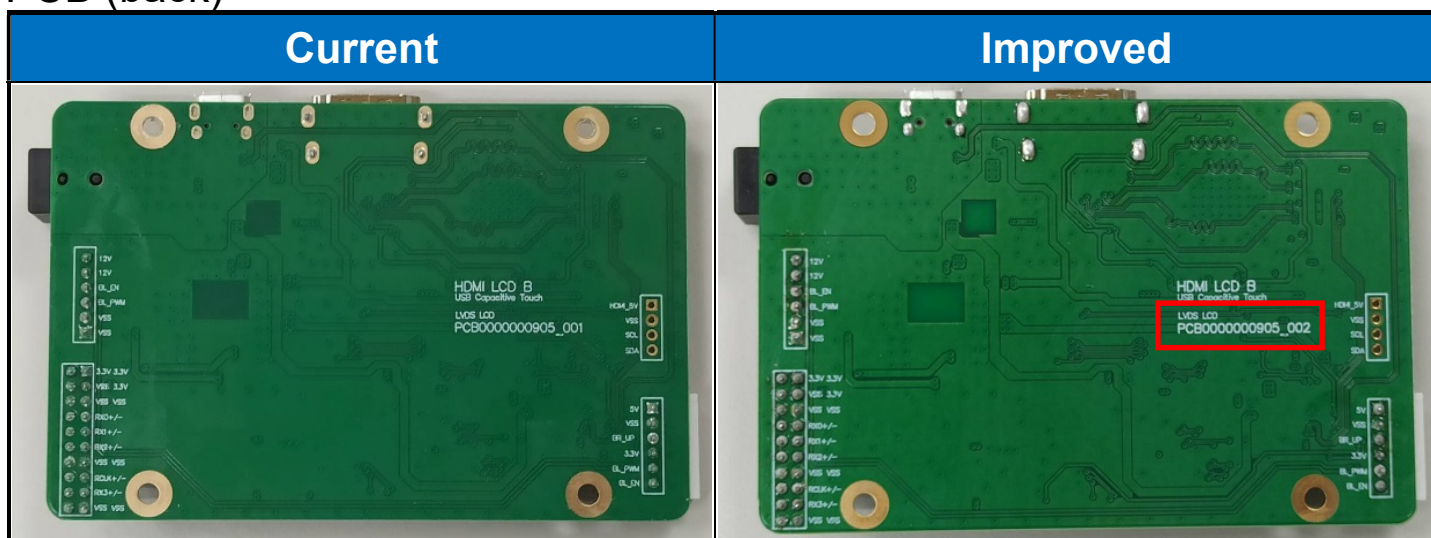
PH128800T008-ZHR03

Appendix: Appearance

PCB (front)



PCB (back)



Comparison results: The red-marked parts are different.

Test Report:

Temperature Test

Test Time : 48hrs

-20 °C



70 °C



Test results : Display normally

Power Consumption improvement

LCM SPEC	Sample NO.	Current	Improved	Result
$\leq 1.5A@12V$	1	1.1A	1.1A	Meets specifications
	2	1.1A	1.1A	Meets specifications

Test results : Meets specifications

Problem Improvement

Condition			Current	Improved
VCC(12V)	HDMI	USB		
VCC=12V	HDMI Cable : Connection HDMI signal : Active → Inactive	USB Cable: Connected or Disconnected	LCM cannot be turned off	LCM turned off
VCC=12V	HDMI Cable : Connection HDMI signal : Active → Inactive → Active	USB Cable: Connected or Disconnected	LCM Display: ON → ON → ON flickering phenomenon	LCM Display: ON → OFF → ON No flicker issues

Suggestions solution

Recommended to drive the LCM using the correct process:

Step 1	Connect the HDMI /USB/Power cables a. HDMI Signal: Inactive b. USB Signal: Inactive c. Power OFF
Step 2	Power ON (VCC/HDMI/USB)
Step 3	Read LCM EDID via HDMI DDC channel (Resolution/ Porch Settings/ Frequency)
Step 4	HDMI Signal: Active USB Signal: Active
