ADP G121EAT02.0 _ EC Notice

2025. Jan

AUO Display+

EC Notice of Cell FAB Change to G5

＊ Purpose: In order to increase production capacity allocation, need to verify another cell Fab for better allocation.

＊Change Items:

- From G3.5 change to G5 FAB
- Gate IC: from Novatek (AU65208H) to Radium (RM76870)
- New PCBA layout to accommodate new Gate IC

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One Page Spec _ G121EAT02.0

EC to cell tape and outline dimension change

Spec.	Before EC	After EC
Panel+ Outline Dimensions (mm)	295(H) x 203.5(H) x 12.31(D)	295(H) x 203.5(H) x 11.49(D)
CG Material	1.8t SDL (Sodalime)	←
LCD Outline Dimensions (mm)	278.0(H) x 184.0(H) x 9.29(D)	←
Active Area (mm)	261.12(H)x163.2(V)	←
Resolution (Pixel)	1280 RGB(H)×800(V)	←
Display Mode	AHVA	←
Contrast Ratio (Typ.)	1000:1	←
Brightness (Typ.)	350	←
Response Time (Typ.)	25 ms	←
Viewing Angle_ CR>10 (typ., H/ V)	89 / 89 / 89 / 89	←
LED Life Time	50K	←
Interface	LVDS	←
Support Color	16.2M (8bit) / 262K (6bit)	←
Color Gamut (typ.)	72%	←
W(x, y) (typ.)	(0.313 , 0.329)	←
Power Consumption	6.06W	←
Power Supply Voltage (typ.)	12V	←
Operation Temp. (℃)	-30 ~ 85 ℃	←
Storage Temp. (℃)	-30 ~ 85 ℃	←
System bracket	with	←

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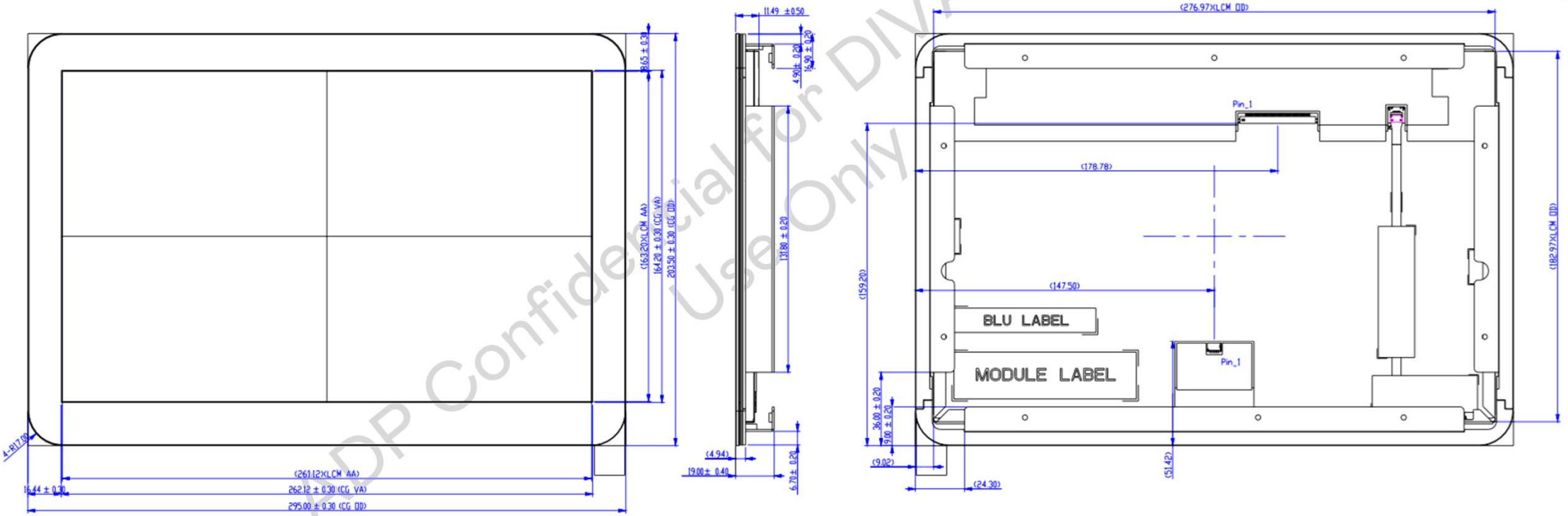
Drawing_G121EAT02.0 (with bracket)

Mechanical Front / Rear - View



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Sample development schedule



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Tap Into The Possibilities
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