

Customer Name: Distribution



8.4inch SVGA specification change point description (T-55786GD084J-LW-AHN)

2023/6/20
Kyocera Corporation
Corporate Display Group
Display Engineering Division
Product Engineering Department

Approval	Checked	Prepared
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On the effect on characteristics



		T-55786GD084J-LW-AHN Current product	TCG084SVLAECNN-AN40 Changes
Product Specifications	polarizing plate	Anti Glare Type	NC
	Interface	LVDS	NC
	External dimensions	199.5(W)x(149.0)(H)x11.5(D) mm	NC
	Display Mode	Normally Black	NC
	Operating temperature range	-30~80°C	NC
	Storage temperature range	-30~80°C	NC
	Power supply voltage (LCD)	Typ. 3.3V	NC
	Current Consumption (LCD)	Typ. 270mA	Typ. 320mA
	Power supply voltage (backlight)	Typ. 12.0V	NC
	Current consumption (backlight)	Typ. 740mA	NC
	Backlight lifetime	Typ. 70,000hr (DPWM=100%, Ta=25°C)	NC

NC = No Change

On the effect on characteristics



Ta=25oC			T-55786GD084J-LW-AHN Current product	TCG084SVLAECNN-AN40 Changes
Optical properties	response speed	Rise	Typ. 18ms	NC
		Down	Typ. 12ms	NC
	Brightness (DPWM = 100%, Center)		Typ. 1200cd/m2	NC
	Contrast		Typ. 750	NC
	Field of view angle CR≥10	UPPER	Typ. 85deg	NC
		LOWER	Typ. 85deg	NC
		LEFT	Typ. 85deg	NC
		RIGHT	Typ. 85deg	NC
	chromaticity	Red	0.600±0.050, 0.350±0.050	0.605±0.050, 0.340±0.050
		Green	0.335±0.050, 0.570±0.050	0.340±0.050, 0.570±0.050
		Blue	0.150±0.050, 0.120±0.050	0.155±0.050, 0.145±0.050
		White	0.320±0.050, 0.345±0.050	0.320±0.050, 0.355±0.050

NC = No Change

Test items	Test conditions	Judgment Criteria	N	Results
High-temperature operation	70°C/Dry/500Hr	Function/Display: No abnormalities Current consumption: no abnormality	3	Pass
High temperature and high humidity operation	40°C/90%RH/500Hr		3	Pass
low-temperature operation	-20°C/Dry/500Hr		3	Pass
thermal shock	-30°C↔80°C/240Cycle		3	Pass
Vibration	2G/10~100Hz/↔5min Sine wave/X, Y, Z/2Hr each	Function/Display: No abnormalities	2	Pass
Impact	50G/11msec/sine half wave +/- X, +/- Y, +/- Z/3 times each		2	Pass

THE NEW VALUE FRONTIER



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Revision History



Revision number	Symbols	Reviser	Revision date	Revised content
00	None	Yamawaki	2023/6/20	initial publication
01				
02				
03				