To: KII



Engineering Change Notice (T-51750GD065J-LW-BHN)

2022/03/25
KYOCERA Corporation
Corporate Display Group
Display Engineering Division
Product Engineering Department

Approved	Checked	Prepared
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Summary



Thank you for your continued support.

For the following reasons, we will apply for a change in the materials used in our products that are currently being mass-produced.

We apologize for the inconvenience, and thank you for your understanding.

1. Applicable Product

T-51750GD065J-LW-BHN

2. Background

The supply of materials used in this product continues to be tight due to extremely strong demand, especially electronic components. Under such circumstances, we have decided to change those components in order to continue stable supply in the future. Details will be explained on the following pages.

3. Schedule

Sample shipment : April, 2022 Approval request : June, 2022

Planned change in : Notify applicable lot separately



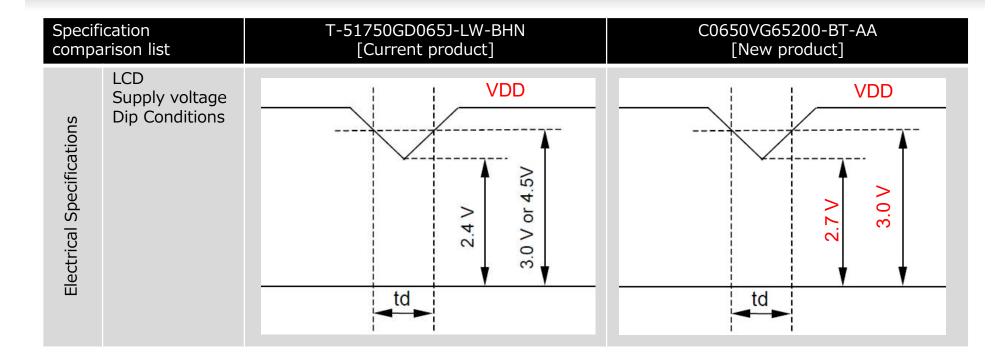
For the 6.5inch VGA [T-51750GD065J-LW-BHN] for your company, we will explain the specifications of the Renewal product that we are proposing this time below.

Specification comparison list		T-51750GD065J-LW-BHN [Current product]	C0650VG65200-BT-AA [New product]		
TFT Supplier		Kyocera in-house	Outsourcing		
	Location	Japan	Taiwan		
Polarizer		Α	В		
Driver IC		С	D		
PCB	Board	E	F		
	Assembly	G	Kyocera China factory		
	Mounting components	For stable supply in the future, we will downsize capacitors and resistors, and change parts that have an old release time and are uncertain about supply to the latest parts.			
FPC		Н	I		
Backlight		J	К		
Touch panel		L	←		

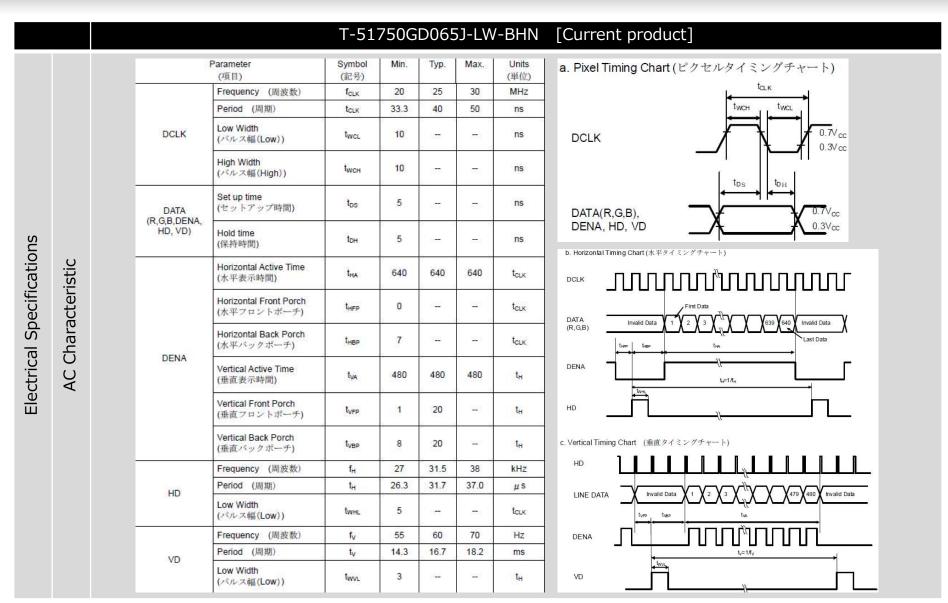


Specification comparison list		T-51750GD065J-LW-BHN [Current product]	C0650VG65200-BT-AA [New product]
	Polarizer	AG Coating	←
	Interface	CMOS	←
	Outline dimensions	158.0(W)x120.36(H)x12.15(D) mm Projection not included.	←
SI	Base color	Normally White	←
icatior	Operating temperature	-20∼70℃ (Panel Surface)	←
Product Specifications	Storage temperature	-20∼70℃ (Panel Surface)	←
	Supply voltage (LCD)	Typ. 3.3V (3.3V system) Typ. 5.0V (5.0V system)	Typ. 3.3V (3.3V system only)
<u>a</u>	Current consumption (LCD)	Typ. 240mA (3.3V system) Typ. 180mA (5.0V system)	TBD
	LED Forward current	35mA/Line	←
	LED Forward voltage	Typ. 26.4V/Line (IF=35mA, Ta=25℃)	Typ. <mark>22.4V</mark> /Line (IF=35mA, Ta=25℃)
	Operating life time	_	Typ. 70,000hr (IF=35mA, Ta=25℃)

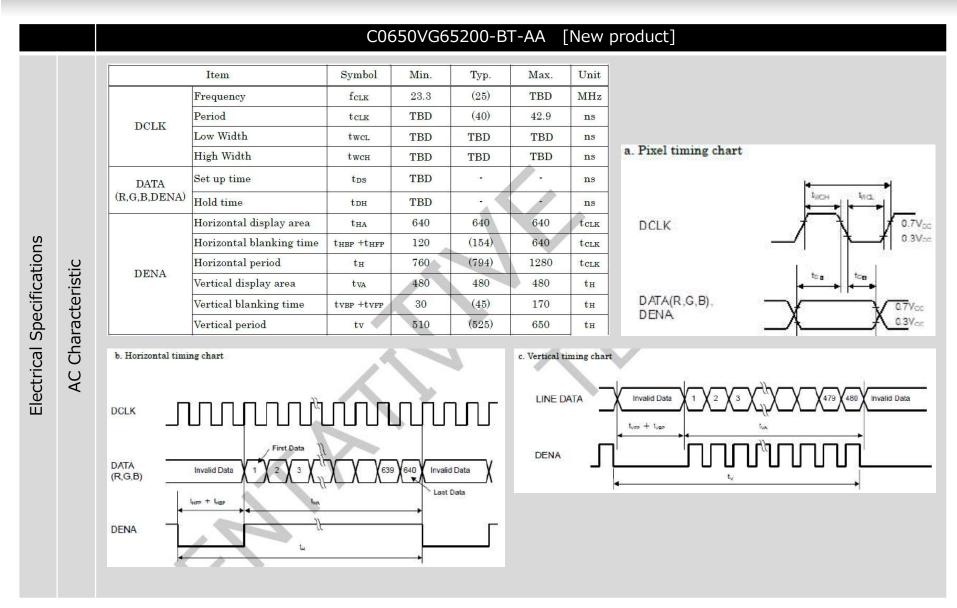














Specification comparison list			T-51750GD065J-LW-BHN [Current product]	C0650VG65200-BT-AA [New product]
	Doepones time	Rise	15ms	TBD
	Response time	Down	16ms	TBD
	Brightness (Center of display)		800cd/m ²	←
	Contrast ratio		800	←
(Тур.	Viewing angle range CR>10	Upper	50deg	←
ions		Lower	70deg	←
cificat		Left	80deg	←
l spec		Right	80deg	←
Optical specifications (Typ.)	Optimal viewing angle		6 o'clock	←
O	Chromaticity coordinates	Red	0.600, 0.350	TBD
		Green	0.330, 0.590	TBD
		Blue	0.160, 0.130	TBD
		White	0.320, 0.350	TBD



	fication parison list	T-51750GD065J-LW-BHN [Current product]	C0650VG65200-BT-AA [New product]
	Connector	DF9B-31P-1V (HIROSE)	←
LCD Interface	Pin assignment	No. Symbol(記号)	



Specification comparison list		T-51750GD065J-LW-BHN [Current product]			C0650VG65200-BT-AA [New product]
	Connector	CN2: SHLP-06V-S-B (JST) CN3: SHLP-06V-S-B (JST)			←
	Pin assignment	CN2			←
		No.	Symbol(記号)	Functional Description (機 能 説 明)	
		1	ANODE-1(RED)	LED Anode Terminal (LED アノード端子)	
		2	ANODE-2(RED)	LED Anode Terminal (LED アノード端子)	
a)		3	NC	Non Connection (未使用端子)	
ä		4	NC	Non Connection (未使用端子)	
e L		5	CATHODE-1(BLACK)	LED Cathode Terminal (LED カソード端子)	
nţ		6	CATHODE-2(BLACK)	LED Cathode Terminal (LED カソード端子)	
LED Interface		CN3			
_		No.	Symbol(記号)	Functional Description (機能説明)	
		1	ANODE-3(RED)	LED Anode Terminal (LED アノード端子)	
		2	ANODE-4(RED)	LED Anode Terminal (LED アノード端子)	
		3	NC	Non Connection (未使用端子)	
		4	NC	Non Connection (未使用端子)	
		5	CATHODE-3(BLACK)	LED Cathode Terminal (LED カソード端子)	
		6	CATHODE-4(BLACK)	LED Cathode Terminal (LED カソード端子)	
<u>—</u>	Pin assignment				←
an		No.	Symbol	Functional Description	
<u>ā</u>		1	XL X left		
- 		2	1	clock side	
Touch panel		4	1 100 100 100 100 100 100 100 100 100 1) clock side	
'					

Revision History



Rev	Mark	Name	Date	Contents
00	None	I. Kawajiri	2022/2/19	Initial release
01	Λ			
02				
03	<u>A</u>			

THE NEW VALUE FRONTIER



KYOCERA Corporation