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June 11, 2010

Discontinue Notice

Model : T-51639D084JU-FW-A-AB

Dear Customers,

We appreciate your support of Optrex Industrial TFT-LCD displays and we are proud to be part of your successful business.

This letter informs that below mentioned Optrex Industrial TFT-LCD will be discontinued due to a component discontinuation from our supplier. We would like to ask our customers to switch from the discontinuing model to the alternative model which has compatibility and inform us the final quantity you will require for switching.

1. Discontinuing Model: T-51639D084JU-FW-A-AB (CFL back light)
✓ Alternative Model T-55549D084J-LW-A-AAN (LED back light)
2. The **final shipping date** :
September End ,2011
3. The **due date** to receive the **final P/O** :
08th of December,2010
4. Please provide us of the **estimated quantity** of your final order by
01st of September 2010.

If you have any questions and comments, please feel free to contact us.

Best regards,

Kazunori Ninomiya
Sales & Marketing Div. 2.
STD Management G.

Table 1 The comparison between T-51639D084JU-FW-A-AB and T-55549D084J-LW-A-AAN (successor with LED Back Light)

ITEM	Current model	Alternative Model
	T-51639D084JU-FW-A-AB	T-55549D084J-LW-A-AAN (LED Back Light)
(a) OVERVIEW		
Display Area(mm)	171.264(H)×128.448(V)	170.496(H)×127.872(V)
Number of Dots	1024×3(H)×768(V)	←
Pixel Pitch (mm)	0.167(H)×0.167(V)	0.1665(H)×0.1665(V)
Number of Color	262k, 16.7M	←
Surface Treatment	Anti-glare, hard-coating 3H	←
Optimum Viewing Angle (Contrast ratio)	12 o'clock	6 o'clock
Backlight Unit	CCFL, 2-tube, edge-light, replaceable	LED, edge-light, replaceable *2)
Wide Viewing Angle Technology	Optical Compensation Film	←
Display Mode	Normally white TN	←
(b) ABSOLUTE MAXIMUM RATING		
Power Supply Voltage for LCD (V)	Min: 0, Max: 4.0	←
Operation Temperature ()	Min: -20, Max: 70	Min: -30, Max: 80
Storage Temperature ()	Min: -20, Max: 80	Min: -30, Max: 80
(c) ELECTRICAL CHARACTERISTICS(INTERFACE TIMING)		
Power Supply Voltage for LCD(V)	Min: 3.0, Typ.: 3.3, Max: 3.6	←
Power Supply Current for LCD (mA)	Typ: 370, Max: 550	Typ: 380, Max: 650
Logic Input Voltage(V)	High: 2.4(Min), VCC(Max) Low: 0(Min), 0.8(Max)	High: 0.8×VCC(Min), VCC(Max) Low: 0(Min), 0.2×VCC (Max) *3)
Signal Interface	LVDS 20 pin	← (XA03 compatibility)
Signal Connector(CN1)	FI-SEB20P-HFE	20186-020E-11F(I-PEX) [FI-SEB20P-HFE (JAE) equivalent]
Back Light Connector(CN2)	BHR-02(8.0)VS-1N	SM06B-SHLS-TF(LF)(SN)
Back Light(Lamp) Life Time(hrs)	Min: 50,000、 Typ.: -	Min: 80,000、 Typ.: 100,000
DCLK Frequency (MHz)	Min: 50, Typ.: 65, Max: 80	←
(d) Mechanical Characteristics		
Module Size (mm)	205.0(W)×152.4(H)×11.3(D)	199.5(W)×149.0(H)×11.5(D)
Module Mass (g)	380	370
Mounting (attaching) way	Front Type	Front or Side Type (No compatibility with XA03)
(e) Optical Characteristics		
Luminance(cd/m ²)	Typ.: 300 (IL=6.0mA)	Typ.: 500 (IF=60mA)
Contrast Ratio	Typ.: 400	Typ.: 600
Response Time(tr, tf (ms))	Typ.: 6, 19	Typ.: 4, 12
Viewing Angle(CR 10)	Typ.: -65~65(H)、-50~60(V)	Typ.: -80~80(H)、-60~80(V)
Color Coordinates (Wx, Wy)	Typ.(0.313, 0.329)	Typ.: ←
(f) Other		
Rear(PWB) protection Structure	PET film	Metal cover

*1) The UL File No. of the LCD module will not be changed.

*2) All the specification regarding Back Light(CCFL/LED) Unit will change. Refer the Technical Specification.

*3) the performance of LCD itself will not change, just change the expression in specification writing