

8" / 8.4" Industrial TFT-Displays

- 8.0" WVGA / Bartype
- 8.4" SVGA Standard Brightness
- 8.4" XGA Standard Brightness
- 8.4" VGA / SVGA High Brightness
- 8.4" XGA High Brightness





8" TFT-Displays

WVGA / Bartype

Panel	NL8048AC21-01F	GWTS80MNFG1E0
Manufacturer	NLT	SGD
Type	TN	IPS
Viewing angle (v/h)	160°/160°	170°/170°
Resolution	WVGA 800x480	Bartype 1600x480
Input	LVDS	LVDS
BLU/Converter integrated	LED/YES	LED/NO
Brightness (cd/m²)	1000	450
Temperature operating (°C)	-30...+80	-20...+70
	Touch Screen	
Analog Resistive Touch Sensor	✓	✓
Projected Capacitive Touch Sensor	✓	✓
	Industrial TFT-Controller	
Serial stand alone GUI TFT-Controller	✓	
USB-Client to LVDS TFT-Controller	✓	✓
RGB/DVI to LVDS TFT-Controller	✓	✓
Ask for Options: HDMI, DP, Video, Audio	✓	✓

All combinations are possible.
For more information contact our [sales](#).



8.4" TFT-Displays

SVGA Standard Brightness

Panel	G084SN05V9	AA084SB01	AA084SC01	AA084SD01	NL8060BC21-11
Manufacturer	AUO	Mitsubishi	Mitsubishi	Mitsubishi	NLT
Type	TN	TN	IPS	TN	TN
Viewing angle (v/h)	140°/160°	140°/160°	170°/170°	140°/160°	160°/160°
Resolution	SVGA 800x600	SVGA 800x600	SVGA 800x600	SVGA 800x600	SVGA 800x600
Input	LVDS	LVDS	LVDS	LVDS	LVDS
BLU/Converter integrated	LED/YES	LED/NO	LED/YES	LED/YES	LED/NO
Brightness (cd/m²)	450	600	600	600	400
Temperature operating (°C)	-30...+85	-30...+80	-30...+80	-30...+80	-30...+80
	<i>Reverse Pin</i>	<i>Reverse Pin</i>			<i>Reverse Pin</i>
	Touch Screen				
Analog Resistive Touch Sensor	✓	✓	✓	✓	✓
Projected Capacitive Touch Sensor	✓	✓	✓	✓	✓
	Industrial TFT-Controller				
Serial stand alone GUI TFT-Controller	✓	✓	✓	✓	✓
USB-Client to LVDS TFT-Controller	✓	✓	✓	✓	✓
RGB/DVI to LVDS TFT-Controller	✓	✓	✓	✓	✓
Ask for Options: HDMI, DP, Video, Audio	✓	✓	✓	✓	✓

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8.4" TFT-Displays

XGA Standard Brightness

Panel	AA084XB01	AA084XE01	AA084XD01
Manufacturer	Mitsubishi	Mitsubishi	Mitsubishi
Type	TN	TN	IPS
Viewing angle (v/h)	140°/160°	140°/160°	170°/170°
Resolution	XGA 1024x768	XGA 1024x768	XGA 1024x768
Input	LVDS	LVDS	LVDS
BLU/Converter integrated	LED/NO	LED/YES	LED/YES
Brightness (cd/m²)	500	500	600
Temperature operating (°C)	-30...+80	-30...+80	-30...+80
	Touch Screen		
Analog Resistive Touch Sensor	✓	✓	✓
Projected Capacitive Touch Sensor	✓	✓	✓
	Industrial TFT-Controller		
Serial stand alone GUI TFT-Controller	✓	✓	✓
USB-Client to LVDS TFT-Controller	✓	✓	✓
RGB/DVI to LVDS TFT-Controller	✓	✓	✓
Ask for Options: HDMI, DP, Video, Audio	✓	✓	✓

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8.4" TFT-Displays

VGA / SVGA High Brightness

Panel	AA084VG01	AA084VJ01	AA084SB11	AA084SD11	TCG084SVLQxPNN-ANx33
Manufacturer	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Kyocera
Type	TN	TN	TN	TN	AWV*
Viewing angle (v/h)	140°/160°	140°/160°	140°/160°	140°/160°	170°/170°
Resolution	VGA 640x480	VGA 640x480	SVGA 800x600	SVGA 800x600	SVGA 800x600
Input	TTL	LVDS	LVDS	LVDS	LVDS
BLU/Converter integrated	LED/NO	LED/YES	LED/NO	LED/NO	LED/YES
Brightness (cd/m²)	800	800	1200	1200	1200
Temperature operating (°C)	-30...+80	-30...+80	-30...+80	-30...+80	-30...+80
					* <i>Advanced Wide View</i>
	Touch Screen				
Analog Resistive Touch Sensor	✓	✓	✓	✓	✓
Projected Capacitive Touch Sensor	✓	✓	✓	✓	✓
	Industrial TFT-Controller				
Serial stand alone GUI TFT-Controller	✓	✓	✓	✓	✓
USB-Client to LVDS TFT-Controller	✓	✓	✓	✓	✓
RGB/DVI to LVDS TFT-Controller	✓	✓	✓	✓	✓
Ask for Options: HDMI, DP, Video, Audio	✓	✓	✓	✓	✓

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