

5" and 5.7" Industrial TFT-Displays

- 5.0" WVGA
- 5.0" WVGA 6 wide viewing angle
- 5.7" QVGA
- 5.7" VGA





5" TFT-Displays

With WVGA Resolution

Panel	GWTW50SNCH3E0	GKTW50SPCH6R0	AA050ME01
Manufacturer	SGD	SGD	Mitsubishi
Type	TN	TN	TN
Viewing angle (v/h)	130°/150°	130°/150°	110°/130°
Resolution	WVGA 800x480	WVGA 800x480	WVGA 800x480
Input	TTL	TTL	TTL
BLU/Converter integrated	LED/NO	LED/NO	LED/NO
Brightness (cd/m²)	700	600	450
Temperature operating (°C)	-20...+70	-20...+70	-20...+70
	Resistive Touch		
4-wire		integrated	integrated in version AA050ME01--T1
	Finished design / Projected Capacitive Touch - Cover Glass - Black Printed		
PCAP (I²C or USB)	✓	✓	✓
	Industrial TFT-Controller		
	Via Interface IF390	Via Interface IF390	
Serial stand alone GUI TFT-Controller	✓	✓	
USB-Client to LVDS TFT-Controller	✓	✓	
RGB/DVI to LVDS TFT-Controller	✓	✓	
Options: HDMI, DP, Video, Audio	✓	✓	

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5" TFT-Displays

With WVGA Resolution & Wide Viewing Angle

Panel	COM50H5N01ULC	AA050MC01	AA050MG03	AA050MH01
Manufacturer	Ortustech	Mitsubishi	Mitsubishi	Mitsubishi
Type	Blanview	IPS	IPS	IPS
Viewing angle (v/h)	160°/160°	170°/170°	170°/170°	170°/170°
Resolution	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480
Input	LVDS	TTL	TTL	TTL
BLU/Converter integrated	LED/NO	LED/NO	LED/NO	LED/NO
Brightness (cd/m²)	400	300	900	500
Temperature operating (°C)	-30...+85	-20...+60	-30...+80	-30...+80
	Resistive Touch			
4-wire		integrated in version AA050MC01--T1	integrated in version AA050MG03--T1	
	Finished design / Projected Capacitive Touch - Cover Glass - Black Printed			
PCAP (I²C or USB)	✓	✓	✓	✓
	Industrial TFT-Controller			
		Via Interface IF39x	Via Interface IF392M	Via Interface IF392M
Serial stand alone GUI TFT-Controller		✓	✓	✓
USB-Client to LVDS TFT-Controller		✓	✓	✓
RGB/DVI to LVDS TFT-Controller		✓	✓	✓
Options: HDMI, DP, Video, Audio		✓	✓	✓

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5.7" TFT-Displays



With VGA Resolution

Panel	GKTV57NNAD1E0	GKTV57NNBG1E0	T-55548GD057JU-LW-ABN	AA050AA11	NL6448AC18-11D
Manufacturer	SGD	SGD	Kyocera	Mitsubishi	NLT
Type	TN	TN	TN	TN	TN
Viewing angle (v/h)	115°/130°	115°/130°	140°/140°	150°/160°	160°/160°
Resolution	VGA 640x480	VGA 640x480	VGA 640x480	VGA 640x640	VGA 640x640
Input	TTL	LVDS	TTL	TTL	LVDS
BLU/Converter integrated	LED/NO	LED/NO	LED/NO	LED/NO	LED/NO
Brightness (cd/m²)	900	500	500	1200	550
Temperature operating (°C)	-20...+70	-20...+70	-20...+70	-30...+80	-30...+80
				Square TFT	
				Resistive Touch	
4-wire	✓	✓	✓		✓
				Projected Capacitive Touch	
PCAP	✓	✓	✓		✓
				Industrial TFT-Controller	
Serial stand alone GUI TFT-Controller		✓			✓
USB-Client to LVDS TFT-Controller		✓			✓
RGB/DVI to LVDS TFT-Controller		✓			✓
Options: HDMI, DP, Video, Audio		✓			✓

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