

## 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	<a href="#">GWTW50SNCH3E0</a>	<a href="#">GKTW50SPCH6R0</a>	<a href="#">AA050ME01</a>
<b>Manufacturer</b>	SGD	SGD	Mitsubishi
<b>Type</b>	TN	TN	TN
<b>Viewing angle (v/h)</b>	130°/150°	130°/150°	110°/130°
<b>Resolution</b>	WVGA 800x480	WVGA 800x480	WVGA 800x480
<b>Input</b>	TTL	TTL	TTL
<b>BLU/Converter integrated</b>	LED/NO	LED/NO	LED/NO
<b>Brightness (cd/m<sup>2</sup>)</b>	700	600	450
<b>Temperature operating (°C)</b>	-20...+70	-20...+70	-20...+70
	<b>Resistive Touch</b>		
<b>4-wire</b>		integrated	integrated in version AA050ME01--T1
	<b>Finished design / Projected Capacitive Touch - Cover Glass - Black Printed</b>		
<a href="#">PCAP (I<sup>2</sup>C or USB)</a>	✓	✓	✓
	<b>Industrial TFT-Controller</b>		
	Via Interface IF390	Via Interface IF390	
<a href="#">Serial stand alone GUI TFT-Controller</a>	✓	✓	
<a href="#">USB-Client to LVDS TFT-Controller</a>	✓	✓	
<a href="#">RGB/DVI to LVDS TFT-Controller</a>	✓	✓	
<b>Options: HDMI, DP, Video, Audio</b>	✓	✓	

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# 5" TFT-Displays

With WVGA Resolution & Wide Viewing Angle

Panel	<a href="#">COM50H5N01ULC</a>	<a href="#">AA050MC01</a>	<a href="#">AA050MG03</a>	<a href="#">AA050MH01</a>
<b>Manufacturer</b>	Ortustech	Mitsubishi	Mitsubishi	Mitsubishi
<b>Type</b>	Blanview	IPS	IPS	IPS
<b>Viewing angle (v/h)</b>	160°/160°	170°/170°	170°/170°	170°/170°
<b>Resolution</b>	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480
<b>Input</b>	LVDS	TTL	TTL	TTL
<b>BLU/Converter integrated</b>	LED/NO	LED/NO	LED/NO	LED/NO
<b>Brightness (cd/m<sup>2</sup>)</b>	400	300	900	500
<b>Temperature operating (°C)</b>	-30...+85	-20...+60	-30...+80	-30...+80
	<b>Resistive Touch</b>			
<b>4-wire</b>		integrated in version AA050MC01--T1	integrated in version AA050MG03--T1	
	<b>Finished design / Projected Capacitive Touch - Cover Glass - Black Printed</b>			
<a href="#">PCAP (I<sup>2</sup>C or USB)</a>	✓	✓	✓	✓
	<b>Industrial TFT-Controller</b>			
		Via Interface IF39x	Via Interface IF392M	Via Interface IF392M
<a href="#">Serial stand alone GUI TFT-Controller</a>		✓	✓	✓
<a href="#">USB-Client to LVDS TFT-Controller</a>		✓	✓	✓
<a href="#">RGB/DVI to LVDS TFT-Controller</a>		✓	✓	✓
<b>Options: HDMI, DP, Video, Audio</b>		✓	✓	✓

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# 5.7" TFT-Displays

With QVGA Resolution

<b>Panel</b>	<a href="#"><b>GTTQ57SN762E0</b></a>	<a href="#"><b>T-55265GD057J-LW-ADN</b></a>	<a href="#"><b>T-55265GD057J-LW-ACN</b></a>
<b>Manufacturer</b>	SGD	Kyocera	Kyocera
<b>Type</b>	TN	TN	TN
<b>Viewing angle (v/h)</b>	115°/130°	140°/140°	140°/140°
<b>Resolution</b>	QVGA 320x240	QVGA 320x240	QVGA 320x240
<b>Input</b>	TTL	TTL	TTL
<b>BLU/Converter integrated</b>	LED/NO	LED/NO	LED/NO
<b>Brightness (cd/m²)</b>	600	500	500
<b>Temperature operating (°C)</b>	-20...+70	-20...+70	-20...+70
	<b>Resistive Touch</b>		
<a href="#"><b>4-wire</b></a>	✓	✓	integrated
	<b>Projected Capacitive Touch</b>		
<a href="#"><b>PCAP</b></a>	✓	✓	✓

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## 5.7" TFT-Displays

With VGA Resolution

Panel	<a href="#">GKTV57NNAD1E0</a>	<a href="#">GKTV57NNBG1E0</a>	<a href="#">T-55548GD057JU-LW-ABN</a>	<a href="#">AA050AA11</a>	<a href="#">NL6448AC18-11D</a>
<b>Manufacturer</b>	SGD	SGD	Kyocera	Mitsubishi	NLT
<b>Type</b>	TN	TN	TN	TN	TN
<b>Viewing angle (v/h)</b>	115°/130°	115°/130°	140°/140°	150°/160°	160°/160°
<b>Resolution</b>	VGA 640x480	VGA 640x480	VGA 640x480	VGA 640x640	VGA 640x640
<b>Input</b>	TTL	LVDS	TTL	TTL	LVDS
<b>BLU/Converter integrated</b>	LED/NO	LED/NO	LED/NO	LED/NO	LED/NO
<b>Brightness (cd/m<sup>2</sup>)</b>	900	500	500	1200	550
<b>Temperature operating (°C)</b>	-20...+70	-20...+70	-20...+70	-30...+80	-30...+80
				<b>Square TFT</b>	
				<b>Resistive Touch</b>	
<a href="#">4-wire</a>	✓	✓	✓		✓
				<b>Projected Capacitive Touch</b>	
<a href="#">PCAP</a>	✓	✓	✓		✓
				<b>Industrial TFT-Controller</b>	
<a href="#">Serial stand alone GUI TFT-Controller</a>		✓			✓
<a href="#">USB-Client to LVDS TFT-Controller</a>		✓			✓
<a href="#">RGB/DVI to LVDS TFT-Controller</a>		✓			✓
<b>Options: HDMI, DP, Video, Audio</b>		✓			✓

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