

## 7" Industrial TFT-Displays

- 7" Standard Brightness
- 7" High Brightness
- 7" Integrated Touch





## 7" TFT-Displays

Standard brightness

Panel	<a href="#">GKTW70SNAE4ED</a>	<a href="#">LB070WV8-SL02</a>	<a href="#">G070Y2-L01</a>	<a href="#">AM-1280800P2TZQW-00H</a>
<b>Manufacturer</b>	SGD	LG	Innolux	AMPIRE
<b>Type</b>	TN	IPS	TN	SFT
<b>Viewing angle (v/h)</b>	110°/140°	178°/178°	120°/140°	160°/160°
<b>Resolution</b>	WVGA 800x480	WVGA 800x480	WVGA 800x480	<b>WXGA 1280x800</b>
<b>Input</b>	LVDS	LVDS	LVDS	LVDS
<b>BLU/Converter integrated</b>	LED/YES	LED/YES	LED/YES	LED/YES
<b>Brightness (cd/m<sup>2</sup>)</b>	550	450	500	500
<b>Temperature operating (°C)</b>	-20...+70	-30...+80	-30...+85	-20...+70
			<b>Resistive Touch</b>	
<b>4-wire</b>	✓	✓	✓	✓
<b>4-wire glass/glass</b>	✓	✓	✓	✓
<b>4-wire glass/glass with polarizer</b>		✓		
			<b>Projected Capacitive Touch</b>	
<b>PCAP</b>	✓	✓	✓	✓
			<b>Finished design / Projected Capacitive Touch - Cover Glass - Black Printed</b>	
<b>PCAP</b>	✓	✓	✓	✓
			<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>	✓	✓	✓	✓

All combinations with controller boards and touch sensors are possible.  
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# 7" TFT-Displays

## High brightness

Panel	<a href="#">AA070MC01</a>	<a href="#">AA070MC11</a>	<a href="#">AA070ME01</a>	<a href="#">AA070ME11</a>	<a href="#">AT070MJ11</a>	<a href="#">AT070MP11</a>	
<b>Manufacturer</b>	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	
<b>Type</b>	IPS	IPS	TN	TN	TN	IPS	
<b>Viewing angle (v/h)</b>	<b>170°/170°</b>	<b>170°/170°</b>	140°/160°	140°/160°	140°/160°	170°/170°	
<b>Resolution</b>	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480	
<b>Input</b>	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	
<b>BLU/Converter integrated</b>	LED/YES	LED/NO*	LED/YES	LED/NO*	LED/NO*	LED/NO*	
<b>Brightness (cd/m<sup>2</sup>)</b>	<b>1000</b>	<b>1300</b>	<b>1000</b>	<b>1500</b>	<b>1500</b>	<b>1100</b>	
<b>Temperature operating (°C)</b>	-30...+80	-30...+80	-30...+80	-30...+80	<b>-40...+85</b>	<b>-40...+85</b>	
		<a href="#">*SmartLED Converter</a> available					
			<b>Resistive Touch</b>				
<b>4-wire</b>	✓	✓	✓	✓	✓	✓	
<b>4-wire glass/glass</b>	✓	✓	✓	✓	✓	✓	
<b>4-wire glass/glass with polarizer</b>							
			<b>Projected Capacitive Touch</b>				
<b>PCAP</b>	✓	✓	✓	✓	✓	✓	
			<b>Finished design / Projected Capacitive Touch - Cover Glass - Black Printed</b>				
<b>PCAP</b>	✓	✓	✓	✓	✓	✓	
			<b>Industrial TFT-Controller</b>				
<b><a href="#">Serial stand alone GUI TFT-Controller</a></b>	✓	✓	✓	✓	✓	✓	
<b><a href="#">USB-Client to LVDS TFT-Controller</a></b>	✓	✓	✓	✓	✓	✓	
<b><a href="#">RGB/DVI to LVDS TFT-Controller</a></b>	✓	✓	✓	✓	✓	✓	
<b>Options: HDMI, DP, Video, Audio</b>	✓	✓	✓	✓	✓	✓	

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# 7" TFT-Displays

## High brightness



Panel	<a href="#">GKTW70SFGA1S0</a>	<a href="#">GKTW70SNCE1EL</a>	<a href="#">AM-1280800P3TZQW-10H</a>	<a href="#">AM-1280800P3TZQW-00H</a>	<a href="#">TCG070WVLOGPNN-AN-40</a>
<b>Manufacturer</b>	SGD	SGD	AMPIRE	AMPIRE	Kyocera
<b>Type</b>	TN	TN	SFT	SFT	AWV*
<b>Viewing angle (v/h)</b>	120°/140°	120°/140°	160°/160°	160°/160°	170°/170°
<b>Resolution</b>	WVGA 800x480	WVGA 800x480	<b>WXGA 1280x800</b>	<b>WXGA 1280x800</b>	WVGA 800x480
<b>Input</b>	LVDS	LVDS	LVDS	LVDS	LVDS
<b>BLU/Converter integrated</b>	LED/YES	LED/YES	LED/YES	LED/YES	LED/YES
<b>Brightness (cd/m<sup>2</sup>)</b>	<b>900</b>	<b>1000</b>	<b>1000</b>	<b>1500</b>	<b>1000</b>
<b>Temperature operating (°C)</b>	-20...+70	-20...+70	-20...+70	-20...+70	-30...+80
	improved sunlight readability				*Advanced Wide View
			<b>Resistive Touch</b>		
<b>4-wire</b>	✓	✓	✓	✓	✓
<b>4-wire glass/glass</b>	✓	✓	✓	✓	✓
<b>4-wire glass/glass with polarizer</b>					
			<b>Projected Capacitive Touch</b>		
<b>PCAP</b>	✓	✓	✓	✓	✓
			<b>Finished design / Projected Capacitive Touch - Cover Glass - Black Printed</b>		
<b>PCAP</b>	✓	✓	✓	✓	✓
			<b>Industrial TFT-Controller</b>		
<b><a href="#">Serial stand alone GUI TFT-Controller</a></b>	✓	✓	✓	✓	✓
<b><a href="#">USB-Client to LVDS TFT-Controller</a></b>	✓	✓	✓	✓	✓
<b><a href="#">RGB/DVI to LVDS TFT-Controller</a></b>	✓	✓	✓	✓	✓
<b>Options: HDMI, DP, Video, Audio</b>	✓	✓	✓	✓	✓

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