

7" Industrial TFT-Displays

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





7" TFT-Displays

Standard brightness

Panel	GKTW70SNAE4ED	LB070WV8-SL02	G070Y2-L01	AM-1280800P2TZQW-00H
Manufacturer	SGD	LG	Innolux	AMPIRE
Type	TN	IPS	TN	SFT
Viewing angle (v/h)	110°/140°	178°/178°	120°/140°	160°/160°
Resolution	WVGA 800x480	WVGA 800x480	WVGA 800x480	WXGA 1280x800
Input	LVDS	LVDS	LVDS	LVDS
BLU/Converter integrated	LED/YES	LED/YES	LED/YES	LED/YES
Brightness (cd/m²)	550	450	500	500
Temperature operating (°C)	-20...+70	-30...+80	-30...+85	-20...+70
Resistive Touch				
4-wire	✓	✓	✓	✓
4-wire glass/glass	✓	✓	✓	✓
4-wire glass/glass with polarizer		✓		
Projected Capacitive Touch				
PCAP	✓	✓	✓	✓
Finished design / Projected Capacitive Touch - Cover Glass - Black Printed				
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	✓	✓	✓	✓

All combinations with controller boards and touch sensors are possible.
Our stock range covers all 7" display technologies.
For more information contact our [sales](#).



7" TFT-Displays

High brightness

Panel	AA070MC01	AA070MC11	AA070ME01	AA070ME11	AT070MJ11	AT070MP11	
Manufacturer	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	
Type	IPS	IPS	TN	TN	TN	IPS	
Viewing angle (v/h)	170°/170°	170°/170°	140°/160°	140°/160°	140°/160°	170°/170°	
Resolution	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480	WVGA 800x480	
Input	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	
BLU/Converter integrated	LED/YES	LED/NO*	LED/YES	LED/NO*	LED/NO*	LED/NO*	
Brightness (cd/m²)	1000	1300	1000	1500	1500	1100	
Temperature operating (°C)	-30...+80	-30...+80	-30...+80	-30...+80	-40...+85	-40...+85	
		*SmartLED Converter available					
			Resistive Touch				
4-wire	✓	✓	✓	✓	✓	✓	
4-wire glass/glass	✓	✓	✓	✓	✓	✓	
4-wire glass/glass with polarizer							
			Projected Capacitive Touch				
PCAP	✓	✓	✓	✓	✓	✓	
			Finished design / Projected Capacitive Touch - Cover Glass - Black Printed				
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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DATA DISPLAY GROUP

A FORTEC GROUP MEMBER

7" TFT-Displays

High brightness

Panel	GKTW70SFGA1S0	GKTW70SNCE1EL	AM-1280800P3TZQW-10H	AM-1280800P3TZQW-00H	TCG070WVLOGPNN-AN-40
Manufacturer	SGD	SGD	AMPIRE	AMPIRE	Kyocera
Type	TN	TN	SFT	SFT	AWV*
Viewing angle (v/h)	120°/140°	120°/140°	160°/160°	160°/160°	170°/170°
Resolution	WVGA 800x480	WVGA 800x480	WXGA 1280x800	WXGA 1280x800	WVGA 800x480
Input	LVDS	LVDS	LVDS	LVDS	LVDS
BLU/Converter integrated	LED/YES	LED/YES	LED/YES	LED/YES	LED/YES
Brightness (cd/m²)	900	1000	1000	1500	1000
Temperature operating (°C)	-20...+70	-20...+70	-20...+70	-20...+70	-30...+80
	improved sunlight readability				*Advanced Wide View
			Resistive Touch		
4-wire	✓	✓	✓	✓	✓
4-wire glass/glass	✓	✓	✓	✓	✓
4-wire glass/glass with polarizer					
			Projected Capacitive Touch		
PCAP	✓	✓	✓	✓	✓
			Finished design / Projected Capacitive Touch - Cover Glass - Black Printed		
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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7" TFT Displays Overview

your specialist for flat screen solutions



7" TFT-Displays

With integrated PCAP Touch

Panel	TCG070WVLRxPCx-GDx118	TCG070WVLRxPCx-GDx117	AA070ME01ADA11
Manufacturer	Kyocera	Kyocera	Mitsubishi
Type	AWV*	AWV*	TN
Viewing angle (v/h)	170°/170°	170°/170°	160°/140°
Resolution	WVGA 800x480	WVGA 800x480	WVGA 800x480
Input	LVDS	LVDS	LVDS
BLU/Converter integrated	LED/YES	LED/YES	LED/YES
Brightness (cd/m²)	500	500	800
Temperature operating (°C)	-20...+70	-20...+70	-20...+70
Integrated Touchscreen	Projected capacitive USB	Projected capacitive I²C	Projected capacitive USB
Touchpoints	2	2	10
	<i>* Advanced Wide View</i>	<i>* Advanced Wide View</i>	
	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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