



12.1-inch XGA TFT with Optical Bonded PCAP Touch Screen and Controller & Cable

Kyocera Part Number: KDA-121OB-18056S-A

Kyocera's Optical Bonding technology eliminates the air gap found in standard tape bonded applications thus reducing internal reflection by up to 70%, dramatically enhancing front-of-screen performance in contrast, clarity and color saturation. Optical Bonding also improves shock resistance.

Kyocera in house Optical Bond provides high quality, fully integrated, solutions with many options to customize specifically for your requirements.

Solution Overview:

TCG121XGLPAPNN-AN40	Specification
Resolution / Pixel Configuration	1024 x 768
Outline Dimensions (W x H x D mm) (module)	260.5 x 203 x 10.2*
Backlight Lifetime (hours)	70,000 hrs (typ.)
Luminance (Cd/m2)	1200 cd/m ²
Contrast Ratio (CR>10)	750:1
Electrical Interface	LVDS
Viewing Angle (CR ≥ 10)	H: -85 ~85° ; V: -85~85°
Temperature Range	Operating: -30 ~ 80° C; Storage: -30 ~ 80° C

PCAP Touch Screen Performance	Specification
# of touches	5
Controller Interface	USB or I2C
Controller	External
Cover Glass	1.1mm, Clear

Additional design accessories and tools available on second page.

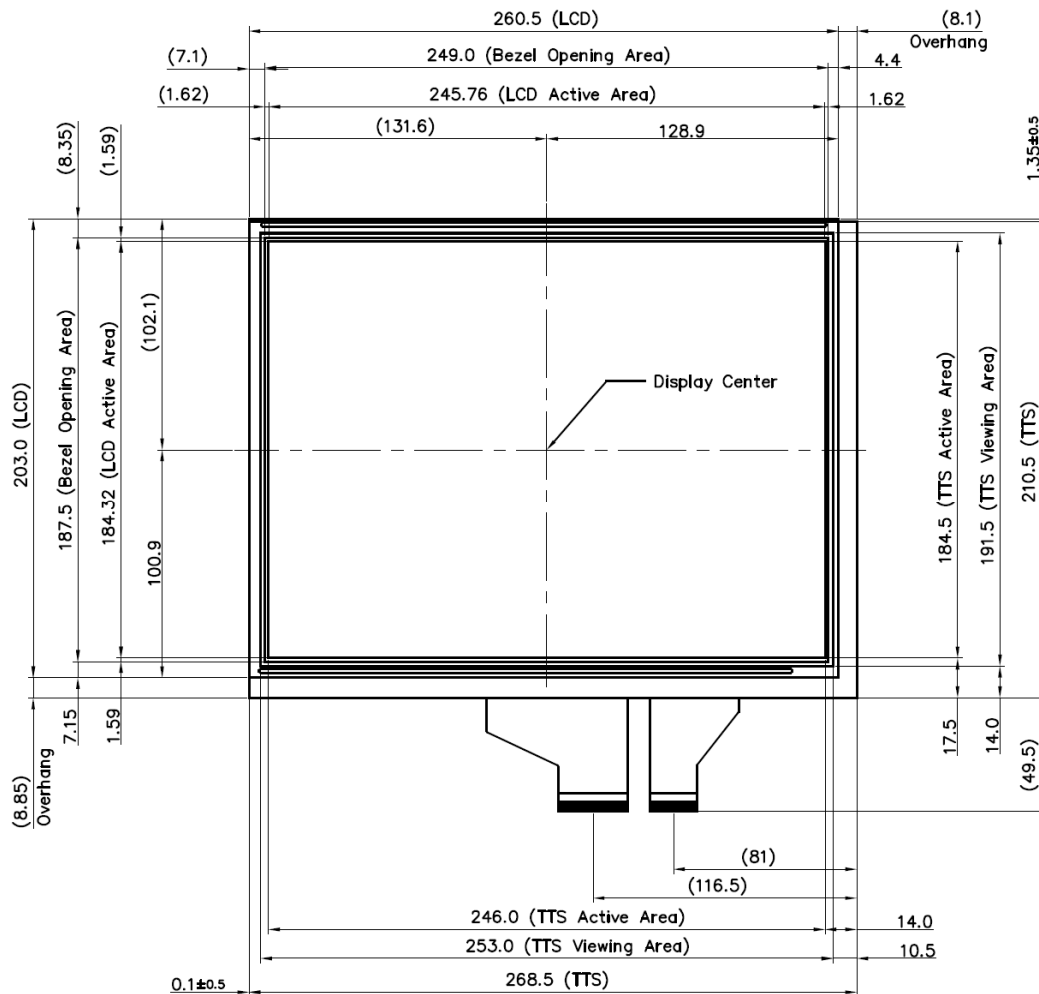
For more information call 734-416-8500 or visit our website at www.kyocera-display.com

Kyocera International, Inc. Display Division

46723 Five Mile Road, Plymouth, MI 48170 TEL: 734-416-8500 FAX: 734-416-8520



Mechanical Overview:



Design Accessories : Kyocera offers the following development solutions to support your complete design requirements.

Part Numbers	Description
KDA-121OB-18056S-A	12.1" XGA Display + OB+ PCAP+Controller
TKL-121XOB-18056-A	KDA-121OB-18056S-A + graphic driver board + VGA & DVI Interface Cables and Power Supply
OAI-80038AA-2009-B	LVDS Cable, available separately
OAI-80038AA-2013-A	Backlight Cable, available separately

For more information call 734-416-8500 or visit our website at www.kyocera-display.com

Kyocera International, Inc. Display Division

46723 Five Mile Road, Plymouth, MI 48170 TEL: 734-416-8500 FAX: 734-416-8520