



12.1" TFT with Optical Bonded PCAP Touch Screen

Kyocera Part Number: KDA-121OB-18079S-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 including factory warranty and many options to customize for your requirements.

Solution Overview:

TCG121WXLPA-PNN-AN20	Specification
Resolution / Pixel Configuration	1280 x 800
Outline Dimensions (W x H x D mm) (module)	277.7(W)×(182.5)(H)×9.8(D)
Backlight Lifetime (hours)	50,000 hrs (typ.)
Luminance (Cd/m ²)	500 cd/m ² *before touch is applied
Contrast Ratio (CR>10)	750:1
Electrical Interface	LVDS
Viewing Angle (CR ≥ 10)	H: -85 ~85° ; V: -85~85°
Temperature Range	Operating: -20 ~ 70° 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.

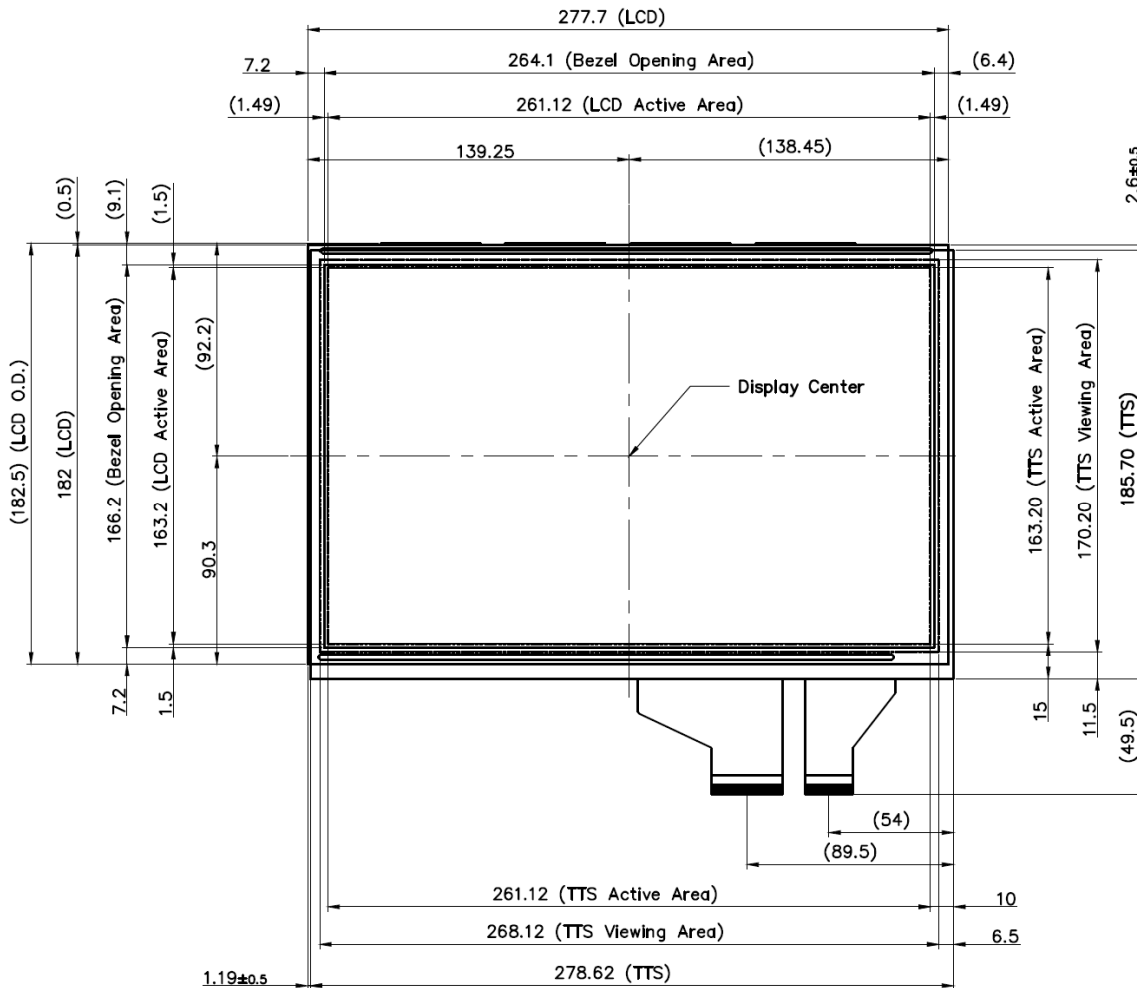
For more information call 734-416-8500 or visit our website at www.kyocera-display.com

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

Part Numbers	Description
KDA-121OB-18079S-A	12.1" TFT with Optically Bonded PCAP + Controller + Cable
TKL-121WOB-18079-A	KDA-121OB-18079S-A + graphic driver board + LVDS Interface Cable and Backlight Cables + VGA & DVI Interface Cables and Power Supply
OAI-80038AA-2010-A	LVDS Cable, available separately
OAI-80038AA-2012-A	Backlight Cable, available separately

Kyocera provides full factory warranty.

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