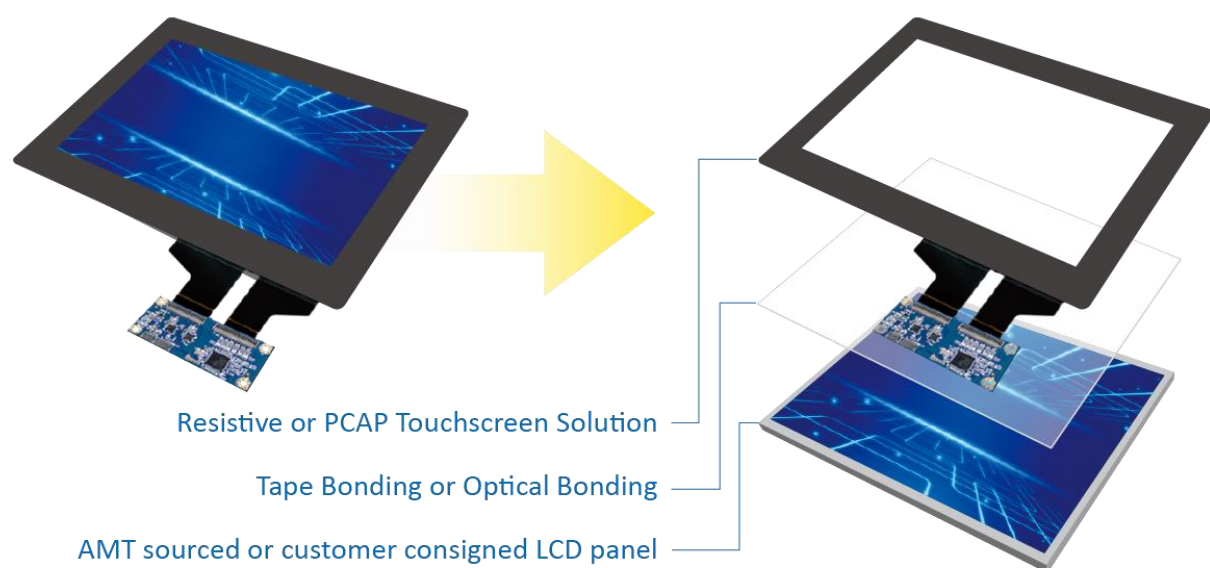


Touch Screen Display Solution

A Touch Screen Display Solution (TDS) is ideal for embedded applications and offers maximum flexibility for custom designs. AMT Touch Screen Display Solution (TDS) combining a LCD panel, AMT touch screen, PenMount touch screen controller, firmware, drivers, and bonding service. A Touch Screen Display Solution (TDS) can also be paired with value-added options including low reflective and anti-UV design, and virtual keys or take advantage of different types of touch screens such as an AMT Resistive Multi-Touch (RMT) screen. AMT Touch Screen Display Solutions are “one-stop-shop” products that simplify customer supply chains and procurement.

In terms of touch screen and LCD panel lamination, customers can choose either tape bonding or optical bonding. A Touch Screen Display Solution is a convenient module for expediting new customer projects and the entire component can be obtained from AMT for maximum efficiency and flexibility in procurement, management, and design. The LCDs used in Touch Screen Display Solutions are either consigned by customers, purchased by AMT with features specified by customers, or chosen by AMT from mainstream LCD panel manufacturers.



Features

- Simplified supply chain from one vendor
- Simple communication of project requirements
- Varied LCD panel selection
- Good TDS quality control in-house at AMT
- Excellent pre/after-sales service
- Long-term supply
- Short lead time with touch panel and bonding process performed at AMT

In terms of PCAP panels, a built-in PenMount PCAP touch controller offers powerful simultaneously enabled features such as gloved touch, advanced noise immunity, water handling, and thick cover lenses while PenMount software is user-friendly and allows fast and easy parameter adjustment to better fit Touch Screen Display Solution modules to customer systems.



Anti-Noise



Water Immunity



Gloved Operation



Anti-UV



System Reference

Specifications

Item	7"	10.1"	15.6"	21.5"	
LCD	Active Area(mm)	154.21 x 85.92	222.72 x125.28	344.18 x 193.59	476.064 x 267.786
	Resolution	1024*600	1024*600	1920*1080	1920*1080
	Model Name	AMT A01070-009	AMT A01101-007	Innolux G156HCE-L01	Innolux G215HCJ-L01
	Display Mode	Normally Black	Normally Black	Normally Black	Normally Black
	Interface	LVDS	LVDS	LVDS	LVDS
Touch	Touch Type	PCAP 92-P3379-KG0-F01	PCAP 92-P3380-KG0-F01	PCAP 92-K3101-AG0-F01 +PenMount or EETI or ILITEK control Board	PCAP 92-K3108-AG0-F01 +PenMount or EETI or ILITEK control Board
	Touch Point	5	5	5	5
	Interface	USB	USB	USB	USB
Touch Display	Brightness(nits)	Optical Bond: 450 Air Bond: 400	Optical Bond: 450 Air Bond: 400	Optical Bond: 405 Air Bond: 360	Optical Bond: 360 Air Bond: 320
	Operation Temperature	-20~70°C, 240H	-20~70°C, 240H	-30~85°C, 240H	0~60°C, 240H

	Storage Temperature	-30~80°C, 240H	-30~80°C, 240H	-40~90°C, 240H	-20~60°C, 240H
Drawing	Optical Bond				
	Air Bond				

