



AMT Projected Capacitive Input Solution

First of all, AMT wishes you a happy and prosperous new year.

Last September, many customers' requests came in after we released the first 7 inch projected capacitive touch solution kit. All of us at AMT thank you for your interest in AMT Projected Capacitive Touch solutions! We have delivered many 7 inch PCI samples since then for our customers to evaluate product feasibility. Several of them have decided to adopt our PCI touch solution in their future applications. The AMT software team is close to releasing PCI related technical and software development manuals to assist in software development. You are invited to use our PCI total solution and incorporate information from our technical manuals to develop products for new business opportunities.

AMT has dedicated itself in developing a total solution with our PCI product. AMT has designed and verified several models in sizes of 7 inches or smaller. Because of the many different screen sizes of LCD in the market, we have not decided whether offering standard PCI touch panels is the best path to follow. AMT believes that fine tuning the firmware parameters may be necessary to adapt our PCI solution for different commercial and industrial applications. We are currently suggesting customers to use our 7 inch PCI sensor laminated to a selected 7" LCD monitor and our touch control module, which has USB interface to link to your Host computer, for initial software development.

If you have your own PCAP control board and firmware and will need only our PCI sensor support, AMT is able to design and produce the sensor to meet your specific needs. Our current PCI structure is based on two laminated ITO glass substrates. The top glass has one Indium Tin Oxide (ITO) patterned conductive layer while the bottom glass has two ITO layers; a patterned conductive layer on the top surface and another unpatterned ITO layer for EMI shielding purpose. There are two flat tails that connect the two active ITO layers and the control board. The control boards can be from AMT or your own design.

AMT will deliver two documents for customers who require AMT total solution. One document is the installation manual which will show our customers how to install PenMount software and how to configure the various parameters, and to use hand writing recognition. The other document is the programming manual for customer to develop their own application software. This manual contains firmware protocol 、USB HID descriptors 、functions of relative two points recognition and the filtering for better touch positioning accuracy.

Some of our customers require AMT's PCI sensor to have a thick cover glass for higher scratch durability and impact resilience. Some other customers, on the contrary, request thin and light projected capacitive touch sensor, since low power and less weight is the essential design criteria to hand held devices. AMT is able to fulfill these PCI sensor design requirements to meet these needs. As "Customer Satisfaction" is one of our major corporate objectives, AMT is working hard to fulfill our commitment to provide a high quality, well engineered solution. Additional PCI products designed for diverse applications will be presented this year. AMT's goal is to be a leader in projected capacitive and other touch screen technology and bring to you, our customers, new and better solution for touch input.

Lastly, we would like to announce that the AMT News Express will from this issue on become a bi-weekly publication. The News Express has been a weekly publication since its start in 2008; every issue has been well received and appreciated for its valuable information to the readers. We received and welcome feedbacks from our readers, and one of the feedbacks received was the frequency of the publications, our readers need ample time to read and digest all the information that we put out. Our next issue then will be on January 20. Here is wishing you all again a successful and prosperous 2010.

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Advance to the future with AMT's touch solutions.

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