

PenMount projected capacitive touch controllers can be divided into two series, the first one is PenMount projected capacitive touch controller with PenMount P2 series touch IC, and the other is with the PenMount K1 series touch IC PenMount projected capacitive touch controller. Different series have their own characteristics and advantages. Welcome to write to us and discuss with us. We will recommend suitable PenMount projected capacitive touch solutions according to your project needs.

PenMount Projected Capacitive Touch Controller-K1 Series

The biggest feature of The PenMount K1 series of projected capacitive touch controllers is that they have good water resistant feature and support large-size projected capacitive COF (Chip-on-Flex) design, PenMount Projected Capacitive tool-PCIUtility can also be simultaneously supported.



Features

- Provide AMT 10.1", 10.4", 15.6", 21.5" standard products for the projected capacitive touch solutions.
- When there is a thin layer of mist on the surface of the projected capacitive touch screen, you can draw lines and click with one finger.
- When saline, blood or gel drops on the surface of the projected capacitive touch screen, you can click with one finger.
- Support large-size projected capacitive touch screen COF design.
- Supports up to 6mm thick cover glass.

Applications

- Medical equipment
- Outdoor facilities
- Handheld device
- Commercial applications

PenMount K1 series projected capacitive COF controller:

Part No.	PenMount IC	Sensor Size Supported	Sensing Line Supported	Driving Line Supported	Interface
PM2501	K1-01	15"~21.5"	67	43	USB, I ² C
PM2502	K1-02	7"~12.1"	37	27	USB, I ² C

PenMount Projected Capacitive Touch Controller-P2 Series

The PenMount P2 series of projected capacitive touch controllers have excellent anti-noise capabilities, support for gloved operation, support for thick cover glass, virtual key functions, etc. These functions are all available on PenMount PCAP standard firmware, and customers do not need to make a choice between functions. The reliability and durability of PenMount P2 series projected capacitive touch controllers allow your products to operate smoothly and normally in various environments.



Features

- Meet IEC 61000-4-3: Radiated Susceptibility Level III 10 V/m, criteria "A"
- Meet IEC 61000-4-6: Conducted Susceptibility 15 Vrms, criteria "A"
- Meet medical safety standard EN60601-1-2.
- Support the cover glass with a thickness of up to 10mm.
- Support operation with gloves.
- Provide complete PCIUtility to parameter adjustment.

Applications

- Industrial equipment
- Machine tool
- Public facilities
- Aviation and transportation
- Food industry