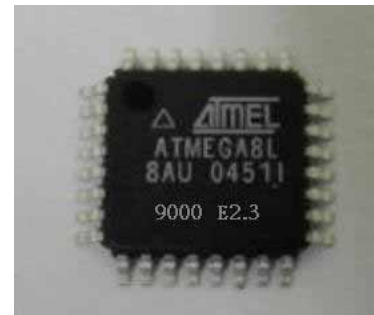# PenMount 9000 Analog Resistive Touch screen Controller IC

Product Description:

PenMount 9000 touch screen controller is the best performance touch screen controller from AMT, it is designed to have PnP features to meet the new systems trend. It is also a very good performance of RS-232 interface on the touch screen. PenMount 9000 has been designed for those who may like an all-in-one solution with A/D converter built-in to make the total printed circuit board denser.

PenMount 9000 designed with ATMEL ATmega8L-8AU

ROHS Compliance (SGS test report number:CE/2005/65481)

Electrical Specifications:

Package:	28-pin PDIP and 32-pin TQFP
Process	Low-power, High-speed 8-Bit RISC microprocessor built-in 10-bit ADC
Resolution	2048 x 2048
Touch Screen	4 ,5,8 wire analog touch screen
Voltage Range:	+ 2.7V to +5.5V
Power Consumption: (at 4 MHz, 3V)	Active: 3.6 mA / Idle Mode: 1.0mA Power Down Mode: 0.5 µA
Driver Software	DOS, Windows 3.1, Windows 95/98/Me, Windows 2000/XP/2003, Windows NT, Linux, QNX Windows CE 4.1/4.2/5.0(for X86 and ARM CPU)
Firmware Version	E2.3
Operating Temperature:	-40° C to +85 ^{o} C
Storage Temperature:	-65° C to +150° C