

# SCE86537 Series

## CARD-586

### ■ DESCRIPTION

The CARD-586 has realized the PC/AT compatible functions in a credit card size utilizing Seiko Epson's computer system knowhow and its low profile, high density packaging technologies.

Equipped with the AMD Am5x86™/Am486DX2, RAM and ROM as well as our SVGA controller and bus/peripheral controller, the CARD-586 is capable of connecting devices and peripherals of various types via its 236-pin card connector.

The CARD-586 helps the customer to build an optimum POS, FA or CATV system that requires highly sophisticated data processing.

The standard system interface EASI commonly used in this series allows you to upgrade the system easier than ever. Just replacing the card enables the system maintenance in the field. This is another excellent feature of the CARD-486.

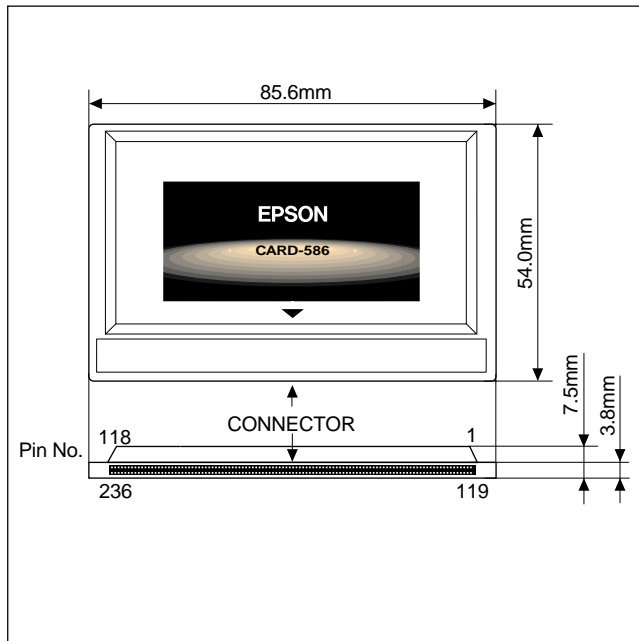
### ■ FEATURES

- CPU ..... Am5x86™, Am486DX2
- CPU Clock ..... 133MHz or 66MHz
- Chip Set ..... ISP0015 , SPC8221 (SEIKO EPSON)
- Memory
  - RAM ..... 16MB, 32MB, 48MB
  - BIOS ROM ..... 256KB
- SVGA ..... SPC8110 (SEIKO EPSON)
  - Analog RGB
  - Mono-STN, color TFT or color STN
- VRAM ..... 1MB
- Power supply ..... 3.15V-3.6V and 5.0V±5%
- EPSON DBIOS ..... PC/AT Compatible BIOS  
SVGA BIOS  
Power Management BIOS
- Other Features ..... IrDA SIR , ASK Support  
IDE Large Size Drive Support  
Enhanced Parallel Port Support  
Timer Output

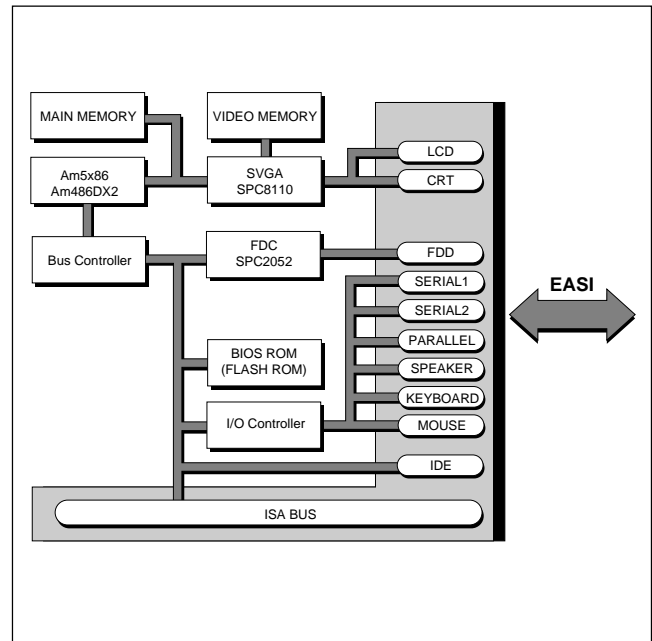
### ■ SELECTION GUIDE

Model No.	Clock (MHz)	RAM (MB)	ROM (KB)	Dimensions(mm)
SCE8653702	66	16	256	85.6x54.0x7.5mm
SCE8653703	66	32	256	85.6x54.0x7.5mm
SCE8653710	133	16	256	85.6x54.0x7.5mm
SCE8653711	133	32	256	85.6x54.0x7.5mm
SCE8653712	133	48	256	85.6x54.0x7.5mm

## ■ CARD DIMENSIONS



## ■ BLOK DIAGRAM



## ■ PRECAUTIONS on USE

Surface of the CARD-586 can be heated very high and touching it burns your hands. Thus, your design should employ a protective cover on the surface or prevents operators from touching the surface. As needed, warning message and symbol for the high heat shall be provided on an easier to see location of the device.

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