

Super AKI-80

The Greatest Z80 Cpu Board

- ★ Super AKI-80 is the most powerful Z80 board with a TMP Z84C015 core clocked at 10MHZ and IO port enhancement.
- ★ Z84C015-10
The Z84C015 contains a Z80 series CPU, PIO, CTC, CGC and is fully compatible with Z80 software. Ultra high-speed operation of 10MHZ is used, and the system is clocked at 9.8304MHZ according to the baud rate.
- ★ 64 parallel ports.
A total of 64 ports, including 16 ports for Z80 PIO phase for parallel IO and $8 \times 3 \times 2 = 48$ ports for 82C265 (8255 $\times 2$ phases).
- ★ Powered by MAX232B.
Equipped with a level converter IC for RS232C standard, enabling 1ch or 2ch serial communication.
- ★ Backup SRAM
The battery uses 256K (32Kbyte) SRAM that can be backed up by a battery.
- ★ All the hard to solder flat IC are mounted on board.

CPU	Z80CPU-10MHz ★	Central Processing Unit
PIO	Z80PIO-10MHz ★	2 sets of 8-bit parallel ports
PPI	82C265-10	6 sets of 8-bit parallel ports
SIO	Z80SIO-10MHz ★	2 sets of full duplex serial ports
CTC	Z80CTC-10MHz ★	4 sets of counters/timers
CGC	Z80CGC-10MHz ★	4 HALT modes for clock oscillator
WDT	watchdog timer ★	Runaway detection timer
CLOCK	9,8304MHz	9600Hz $\times 1024$
RAM	256K SRAM	
ROM	64K, 128K, 256K	100nSec.
other	Memory backup. MAX232. Reset IC, S8054.	
size	72mm \times 94mm \times 10mm (Excluding ROM and Battery.)	