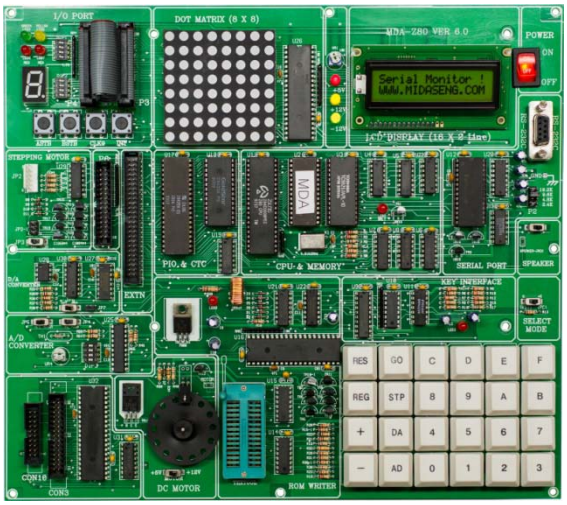
MDA-Z80

8Bit Microprocessor Z80 Board

Z80



Feature

1. Program debugging function
2. Memory dump and modification function
3. Program download and disassemble
4. Single step function
5. Display register contents
6. Various command function
7. ROM WRITER function (2764 - 27512)
8. Stepping motor interface circuit
9. D.C MOTOR CONTROL
10. DOT MATRIX Experiment
11. D/A and A/D Converter Experiment
12. Sound Experiment
13. Built-in keyboard for stand alone mode
14. Text LCD (16 x 2 Line)
15. +5V, +12V, -12V S.M.P.S (Free Voltage) Power
16. Aluminum Case

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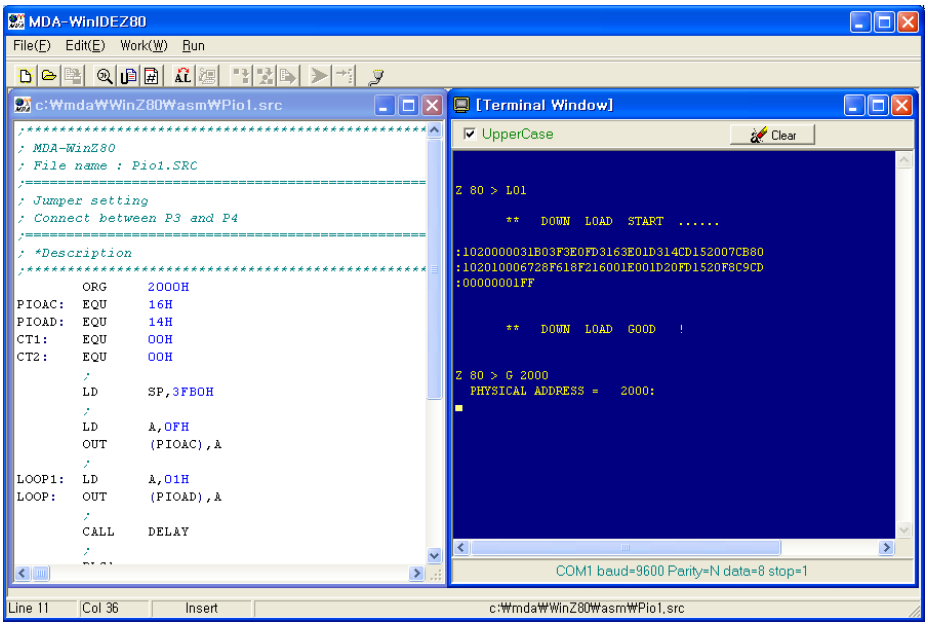
Specification

CPU	Z-80 (4.9152MHz)	
MAIN RAM	32KB (62256 x 1)	
MONITOR ROM	32KB (27256 x 1)	
DISPLAY UNIT	LCD (16 x 2 LINE)	
I/O PORT	Z-80 PIO	
COUNTER/TIMER	Z-80 CTC	
SERIAL PORT	RS-232C (8251A x 1)	
System Clock	2.5MHz	
DOT MATRIX LED	8 x 8 (3COLOR)	
Operation system software	Z-80 Assembler	
KEY BOARD	16 keys for data and 8 keys for function	
Expansion Connector	System Bus 50 pins x 1	
	External interface 20 pins x 1	
A/D, D/A Converter	ADC	ADC 0804
	DAC	DAC 0800
	MOTOR	D.C MOTOR
Stepping motor interface circuit	Driver T.R x 4	
Text tool	28 pins x 1	
ROM WRITER	2764 ~ 27512	
POWER	Input : AC 85~264V	
	Output : DC +5V(3A), +12V(1A), -12V(500mA)	
Board Size (mm)	310 x 265	
Aluminum Case (mm)	400(W) X 320(D) X 140(H) ±10(mm)	
Weight	4 Kg	
Accessories	1. MDA-WinIDEZ80 Program and example sources CD : 1 Set 2. RS-232C cable : 1 EA 3. User's Manual : 1 EA	
Remark	1 year warranty	

* Above product can be changed for improving capability without notice.



MDA-WinIDEZ80 Program

Experiment List

- LED Display Experiment
- FND Display Experiment
- Interrupt Experiment
- PIO Control Experiment
- CTC Experiment
- ADC Experiment
- DAC Experiment
- DC Motor Control Experiment
- Sound Experiment
- 8X8 DOT Matrix Display Experiment
- Text LCD Display Experiment
- ROM Write Experiment