July 30, 2025

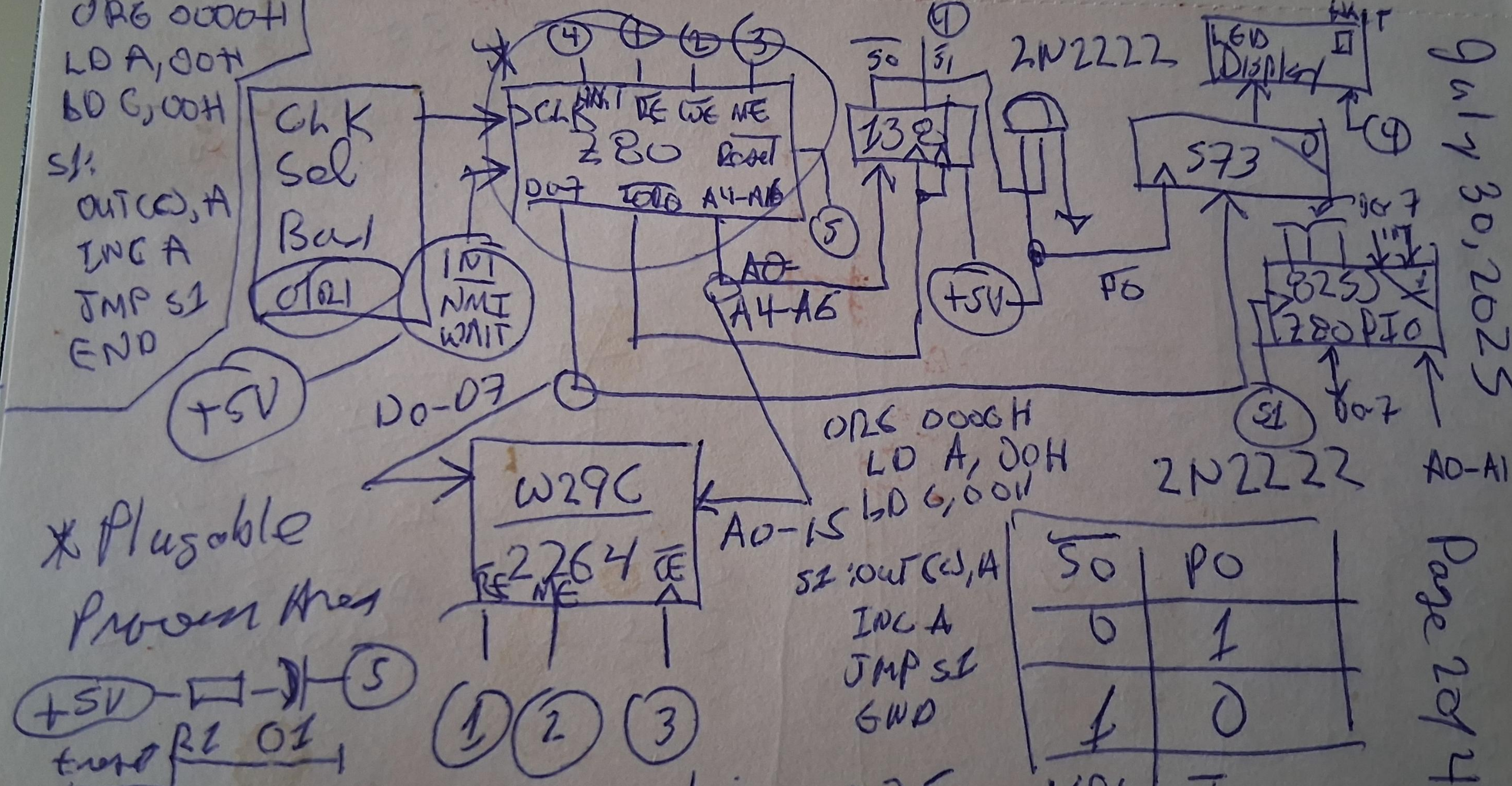
KPLUG I Kit

Multiple uP Frame Board

(Z80, 6502, 65816, 68KP8)

- 4 I/O Ports
  - 2 x 8 bit Input/Output Bi-D
  - 1 x 8 bit Output
  - 1 x 4 bit ~~Bi-D~~ output I/O
  - 1 x 4 bit Input
- Supports W29 Rom, 2864 Eeprom
- Address Code Display A0-7

```
ORG 0000H
LD A,00H
LD C,00H
S1:
 OUT(C),A
 INC A
 JMP S1
END
```



* Plugable Processors

```
ORG 0000H
LD A, 00H
LD C,00H
S1:OUT(C),A
INC A
JMP S1
END
```

S0	P0
0	1
1	0

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multimodule uP Frame Board

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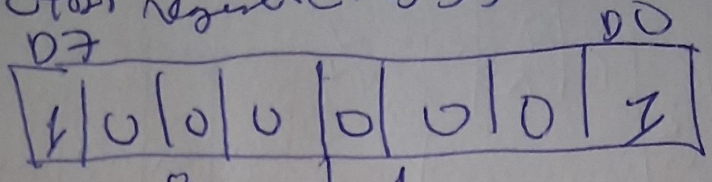
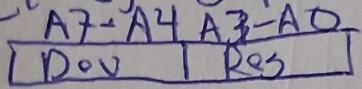
Ctrl reg A (Ros 3)



Port A, B output

Port C, D0-D3, input

Port C, D4-D7, output



Test Pgm 2

		Mem	Data
	ORG 0000		
	LD A, 081H	0000	3E 00
	LD C, ~~081H~~ ~~10H~~ 13H	0002	0E 13
	OUT(C), A	0004	ED 79
	LD A, 00H	0006	3E 00
	LD C, 10H	0008	0E 10
L1:	OUT(C), A	000A	ED 79
	INC A	000C	3C
	JMP L1	000D	C3 00 00
	END	000F	

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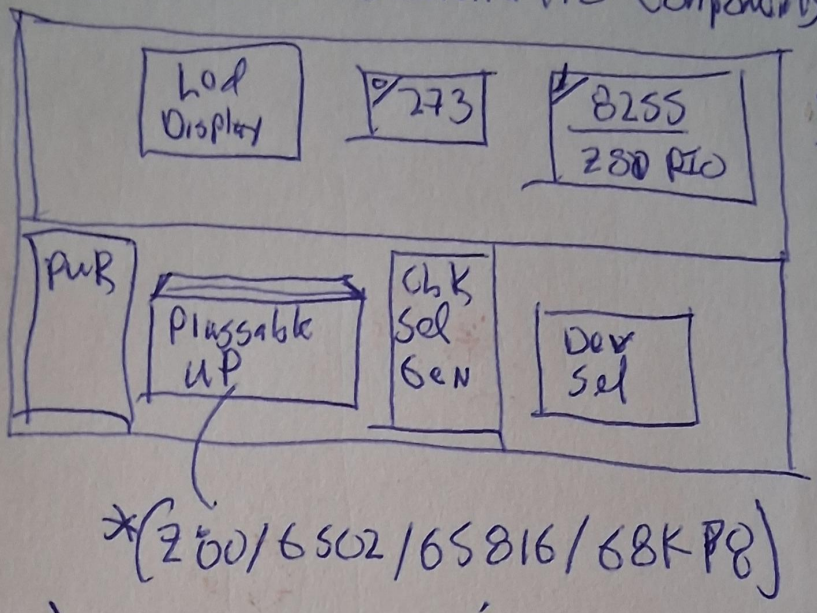
KPKU6I Schematic Components



*(Z80/6502/65816/68KP8)

Test Pgm I	Mem	Data
ORG 0000H		
LD A, 00H	0000	3E 00
LD C, 00H	0002	0E 00
S1: OUT (C), A	0004	ED 79
INC A	0006	3C
JMP S1	0007	C3 00 00
GND	000A	