

code.

1 4 13

(6,1)

cdl {13-13, 37-12, 117-11, 107-10, 67-9}

1 4 11

(6,3)

Row {14(20)-8, 12(25)-7, 9(30)-6, 8(35)-5}

1 4

7(35)-4, 5(30)-3, 2(25)-2, 1(20)-1

14 12 9 8 7 5 2 1

8 7 6 5 4 3 2 1

0 1 2 3 4 5 6 7

13 3 11 10 6

0 1 2 3 4

13 12 11 10 9

↑

0 1 2 3 4

→ 13 3 10 6

DIC
↓
CWD

13

PIN 4

PIN 3

PIN 11

PIN 10

PIN 6

SAGC

→ VCC

cdl 1 2 3 4 5

2	0	+	9	0	0	0	0	0	1	→ PIN 9	2
0	1	+	14	0	0	0	0	0	2	→ PIN 14	11
3	2	+	8	0	0	0	0	0	3	→ PIN 8	6
1	3	+	12	0	0	0	0	0	4	→ PIN 12	7
5	4	+	5	0	0	0	0	0	5	→ PIN 5	3
7	5	+	1	0	0	0	0	0	6	→ PIN 1	10
4	6	+	7	0	0	0	0	0	7	→ PIN 7	5
6	7	+	2	0	0	0	0	0	8	→ PIN 2	8

22 14 16 20

9 14 8 12 5 1 7 2

0 1 2 3 4 5 6 7

8 7 6 5 4 3 2 1

DIN - 10

load = 10 9

clk = 9 8

e[8] { 0x7C, 0x7C, 0x6C, 0x7C, 0x6C, 0x7C, 0x7C }

hex	bio	b2
7C - 124	0111 1100	
6C - 108	0110 1100	
60 - 96	0110 0000	

SMKE { 0x3C, 0x42, 0xA5, 0x81, 0xA5, 0x99, 0x42, 0x3C }

	A7	A6	A5	A4	A3	A2	A1	A0	40
3C	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0
A5	0	0	0	0	0	0	0	0	0
81	0	0	0	0	0	0	0	0	0
A5	0	0	0	0	0	0	0	0	0
99	0	0	0	0	0	0	0	0	0
42	0	0	0	0	0	0	0	0	0
3C	0	0	0	0	0	0	0	0	0

hex	bio	b2
3C -	0011 1100	
42 -	0100 0010	
A5 -	1001 0101	
81 -	1000 0001	
A5 -	1001 0101	
99 -	1001 1001	
42 -	0100 0010	
3C -	0011 1100	

A₂A₃A₄A₅A₆A₇A₈A₉

H



000
1000
1000
1000
1111
1111
1000
1000
1000
1000

} 11
} 1F
}

~~0x11 (x3)~~

0x88 (x3)

0xF8 (x2)

0x88 (x3)

A



~~0x11~~
~~0x11~~
~~0x11~~
~~0xFF (x2)~~
~~0x11 (x3)~~
0x20
0x50
0x88
0xF8 (x2)
0x88 (x2)



~~0x1E~~
~~0x11 (x2)~~
~~0x1E~~
~~0x10 (x4)~~
0xF8
0x88 (x4)

Y



~~0x11 (x3)~~
~~0x0E~~
~~0x04 (x4)~~
0x88 (x3)
0x70
0x20 (x4)



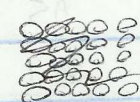
~~0x11 (x2)~~
~~0x04~~
~~0x04 (x2)~~
~~0x04~~
~~0x11 (x2)~~
0x88 (x2)
0x48
0x30 (x2)
0x48
0x88 (x2)

M



~~0x11~~
~~0x1B~~
~~0x05~~
~~0x15~~
~~0x11 (x4)~~
0x88
0x08
0xA8
0xA8
0x88 (x4)

S



XMODIT



0x88 (x3)
0x70 (x4)
0x88 (x3)

0x88
0x88 (x2)
0x70 (x2)
0x88 (x3)
0x70 (x2)
~~0x11~~
~~0x10 (x2)~~
~~0x0E~~
~~0x01 (x3)~~
~~0x1E~~

B



F0
F8
F0 (x2)
F8
F0 (x2)



BL


1000 0000
1000 0001
0100 0010
0011 1100



$FD(x, z)$

88 (x 8)

Folien


 — F D
 { — F D (x2)
 — C O
 — A O
 — Q O
 — 8 8

70
88
30m 8
88
A8
71
D8

$$\begin{array}{r} \phi \times f_B \\ - \phi \times g_D \\ \hline \phi \times f_D \\ \phi \times f_B \end{array}$$

$\phi_x \phi \phi$	$\phi_x \phi \phi \phi$
$\phi_x C \phi$	$\phi_x 1 \phi$
$\phi_x E \phi$	$\phi_x 3 \phi$
$\phi_x F \phi$	$\phi_x 7 \phi$
$\phi_x F \phi$	$\phi_x F \phi$

$$f(x) = \frac{1}{x^2} = x^{-2}$$

Wear

620

20x20

~~0x05~~
~~0x20~~

~~2x08~~ ↓
0x08

3 050
~~0x 00~~
 3 0x 88 x 3
~~0x 50~~
 0x 20