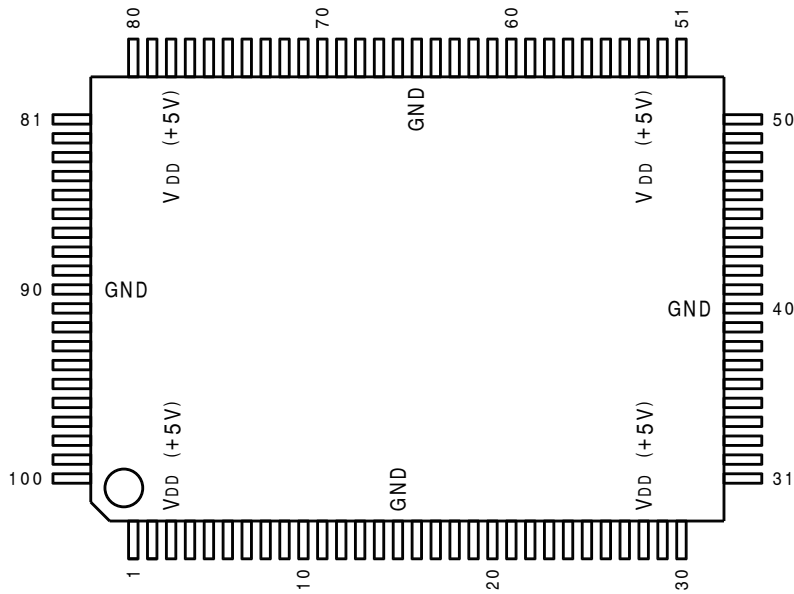

BOARDER PROCESSOR
-TOP VIEW-



(V_{DD}=+5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	IK40	26	I	IK37	51	I	IK11	76	I	D12
2	I	IK41	27	I	IK20	52	I	IK10	77	I	D11
3	-	V _{DD}	28	-	V _{DD}	53	-	V _{DD}	78	-	V _{DD}
4	I	IK42	29	I	IK21	54	I	IK07	79	I	D10
5	I	IK43	30	I	IK22	55	I	IK06	80	I	D9
6	I	IK44	31	I	IK23	56	I	IK05	81	I	D8
7	I	IK45	32	I	IK24	57	I	IK04	82	I	D7
8	I	IK46	33	I	IK25	58	I	IK03	83	I	D6
9	I	IK47	34	I	IK26	59	I	IK02	84	I	D5
10	I	IK30	35	I	IK27	60	I	IK01	85	O	HM1
11	O	BDK0	36	O	FLK0	61	O	DK7	86	O	HM0
12	O	BDK1	37	O	FLK1	62	O	DK6	87	O	AUX
13	O	BDK2	38	O	FLK2	63	O	DK5	88	I	WE
14	O	BDK3	39	O	FLK3	64	O	DK4	89	I	CLK
15	-	GND	40	-	GND	65	-	GND	90	-	GND
16	O	BDK4	41	O	FLK4	66	O	DK3	91	I	CLR
17	O	BDK5	42	O	FLK5	67	O	DK2	92	I	A2
18	O	BDK6	43	O	FLK6	68	O	DK1	93	I	A1
19	O	BDK7	44	O	FLK7	69	O	DK0	94	O	VM1
20	I	IK31	45	I	IK17	70	I	IK00	95	O	VM0
21	I	IK32	46	I	IK16	71	I	DKP	96	I	D4
22	I	IK33	47	I	IK15	72	I	TST	97	I	D3
23	I	IK34	48	I	IK14	73	I	D15	98	I	D2
24	I	IK35	49	I	IK13	74	I	D14	99	I	D1
25	I	IK36	50	I	IK12	75	I	D13	100	I	D0

9	IK47	D15	73
8	IK46	D14	74
7	IK45	D13	75
6	IK44	D12	76
5	IK43	D11	77
4	IK42	D10	79
2	IK41	D9	80
1	IK40	D8	81
26	IK37	D7	82
25	IK36	D6	83
24	IK35	D5	84
23	IK34	D4	96
22	IK33	D3	97
21	IK32	D2	98
20	IK31	D1	99
10	IK30	D0	100
35	IK27		
34	IK26	DK7	61
33	IK25	DK6	62
32	IK24	DK5	63
31	IK23	DK4	64
30	IK22	DK3	66
29	IK21	DK2	67
27	IK20	DK1	68
45	IK17	DK0	69
46	IK16		
47	IK15	FLK7	44
48	IK14	FLK6	43
49	IK13	FLK5	42
50	IK12	FLK4	41
51	IK11	FLK3	39
52	IK10	FLK2	38
54	IK07	FLK1	37
55	IK06	FLK0	36
56	IK05		
57	IK04	BDK7	19
58	IK03	BDK6	18
59	IK02	BDK5	17
60	IK01	BDK4	16
70	IK00	BDK3	14
		BDK2	13
91	CLR	BDK1	12
71	DKP	BDK0	11
72	TST		
88	WE	AUX	87
		HM1	85
89		HM0	86
		VM1	94
92	A2	VM0	95
93	A1		

INPUT

A1-A2 : ADDRESS (2 BIT)
 CLK : CLOCK
 CLR : CLEAR
 DKP : SELECT DK POLE
 D0-D15 : DATA (16 BIT)
 IK00-IK07 : INPUT KEY SIGNAL FOR 0H DELAY (8 BIT)
 IK10-IK17 : INPUT KEY SIGNAL FOR 1H DELAY (8 BIT)
 IK20-IK27 : INPUT KEY SIGNAL FOR 2H DELAY (8 BIT)
 IK30-IK37 : INPUT KEY SIGNAL FOR 3H DELAY (8 BIT)
 IK40-IK47 : INPUT KEY SIGNAL FOR 4H DELAY (8 BIT)
 TST : MULTIPLIER TEST
 WE : WRITE ENABLE

OUTPUT

AUX : DISPLAY DATA OUTPUT ENABLE (1 BIT)
 BDK0-BDK7 : BODER KEY SIGNAL (8 BIT)
 DK0-DK7 : DOWN STREM KEY SIGNAL (8 BIT)
 FLK0-FLK7 : FILLKEY SIGNAL (8 BIT)
 HM0-HM1 : DIAPLAY HORIZONTAL MEMORY RESISTOR (2 BIT)
 VM0-VM1 : DISPLAY VERTICAL MEMORY RESISTOR (2 BIT)