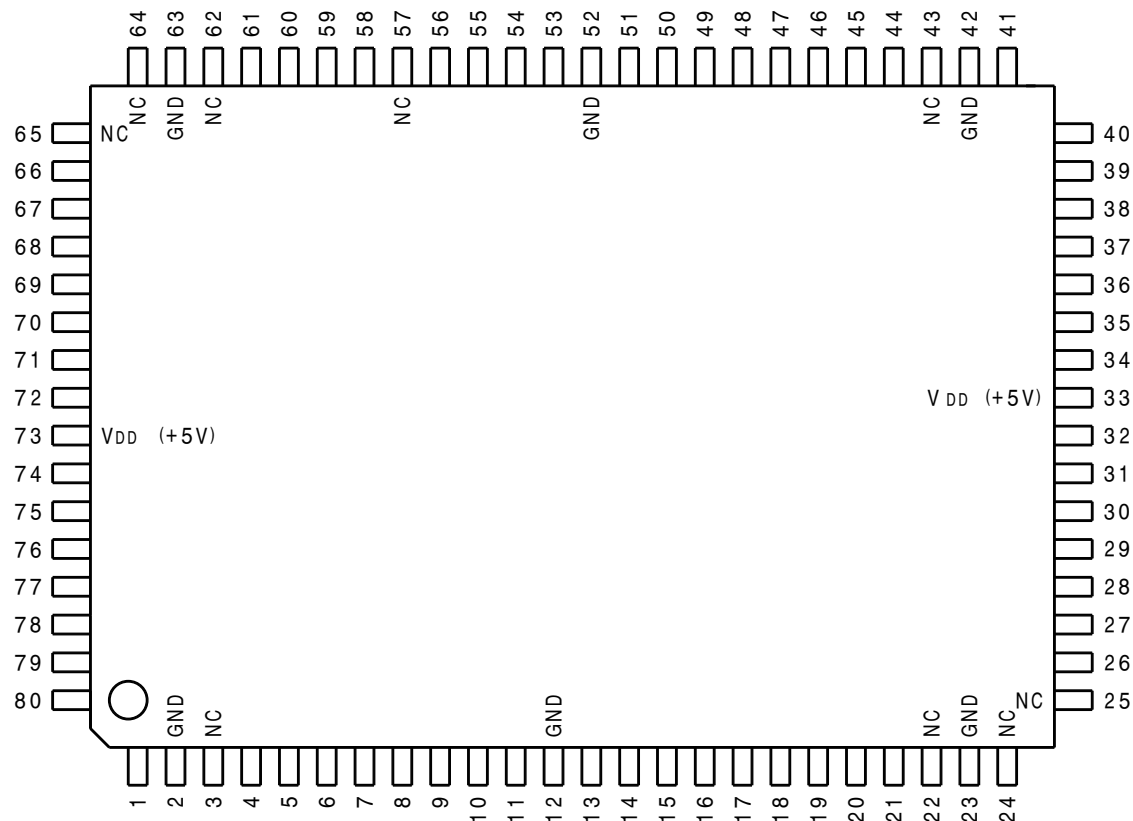

C-MOS MEMORY DATA BUS CONTROL
-TOP VIEW-



(V_{DD}=+5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	SD00	21	O	SD06	41	O	SD10	61	O	SD16
2	-	GND	22	-	NC	42	-	GND	62	-	NC
3	-	NC	23	-	GND	43	-	NC	63	-	GND
4	O	SD01	24	-	NC	44	O	SD11	64	-	NC
5	I/O	RD20	25	-	NC	45	I/O	RD30	65	-	NC
6	I/O	RD21	26	O	SD07	46	I/O	RD31	66	O	SD17
7	I/O	RD22	27	I/O	SD25	47	I/O	RD32	67	I/O	RD35
8	I/O	RD03	28	I/O	SD26	48	I/O	RD13	68	I/O	RD36
9	I/O	RD04	29	I/O	SD27	49	I/O	RD14	69	I/O	RD37
10	O	SD02	30	I	WD0	50	O	SD12	70	I	WD4
11	O	SD03	31	I	WD1	51	O	SD13	71	I	WD5
12	-	GND	32	I	WD2	52	-	GND	72	I	WD6
13	O	SD04	33	-	V _{DD}	53	O	SD14	73	-	V _{DD}
14	O	SD05	34	I	WD3	54	O	SD15	74	I	WD7
15	I/O	RD23	35	I	RCK	55	I/O	RD33	75	I	WCK
16	I/O	RD24	36	I	RENB	56	I/O	RD34	76	I	WENB
17	I	MODE	37	I	SEL0	57	-	NC	77	I	SEL1
18	I/O	RD05	38	I/O	RD10	58	I/O	RD15	78	I/O	RD00
19	I/O	RD06	39	I/O	RD11	59	I/O	RD16	79	I/O	RD01
20	I/O	RD07	40	I/O	RD12	60	I/O	RD17	80	I/O	RD02

78	RD00	SD00	1
79	RD01	SD01	4
80	RD02	SD02	10
8	RD03	SD03	11
9	RD04	SD04	13
18	RD05	SD05	14
19	RD06	SD06	21
20	RD07	SD07	26
38	RD10	SD10	41
39	RD11	SD11	44
40	RD12	SD12	50
48	RD13	SD13	51
49	RD14	SD14	53
58	RD15	SD15	54
59	RD16	SD16	61
60	RD17	SD17	66
5	RD20		17
6	RD21	MODE	37
7	RD22	SEL0	77
15	RD23	SEL1	36
16	RD24	RENB	35
27	RD25	RCK	76
28	RD26	WENB	75
29	RD27	WCK	
45	RD30	WD0	30
46	RD31	WD1	31
47	RD32	WD2	32
55	RD33	WD3	34
56	RD34	WD4	70
67	RD35	WD5	71
68	RD36	WD6	72
69	RD37	WD7	74

INPUT

MODE ; DATA BUS CONTROLLER/SELECTOR CHANGE
(0:DATA BUS CONTROLLER, 1:2 TO 1 SELECTOR)

RCK ; CLOCK FOR READ SYSTEM

RENB ; LATCH ENABLE FOR SD00-SD07, SD10-SD17

SEL0 ; READ/WRITE CHANGE (DATA BUS CONTROLLER MODE)

	RD0, RD1	RD2, RD3
0	READ	WRITE
1	WRITE	READ

SD0 OUTPUT DATA SELECT (SELECTOR MODE)
(0:RD1, 1:RD3)

SEL1 ; SD1 OUTPUT DATA SELECT (SELECTOR MODE)

WCK ; CLOCK FOR WRITE SYSTEM

WD0-WD7 ; MEMORY WRITE DATA

WENB ; LATCH ENABLE FOR WD0-WD7

OUTPUT

SD00-SD07, SD10-SD17 ;
READ DATA OUT FROM MEMORY

INPUT/OUTPUT

RD00-RD07, RD10-RD17, RD20-RD27, RD30-RD37 ;
READ DATA IN/WRITE DATA OUT