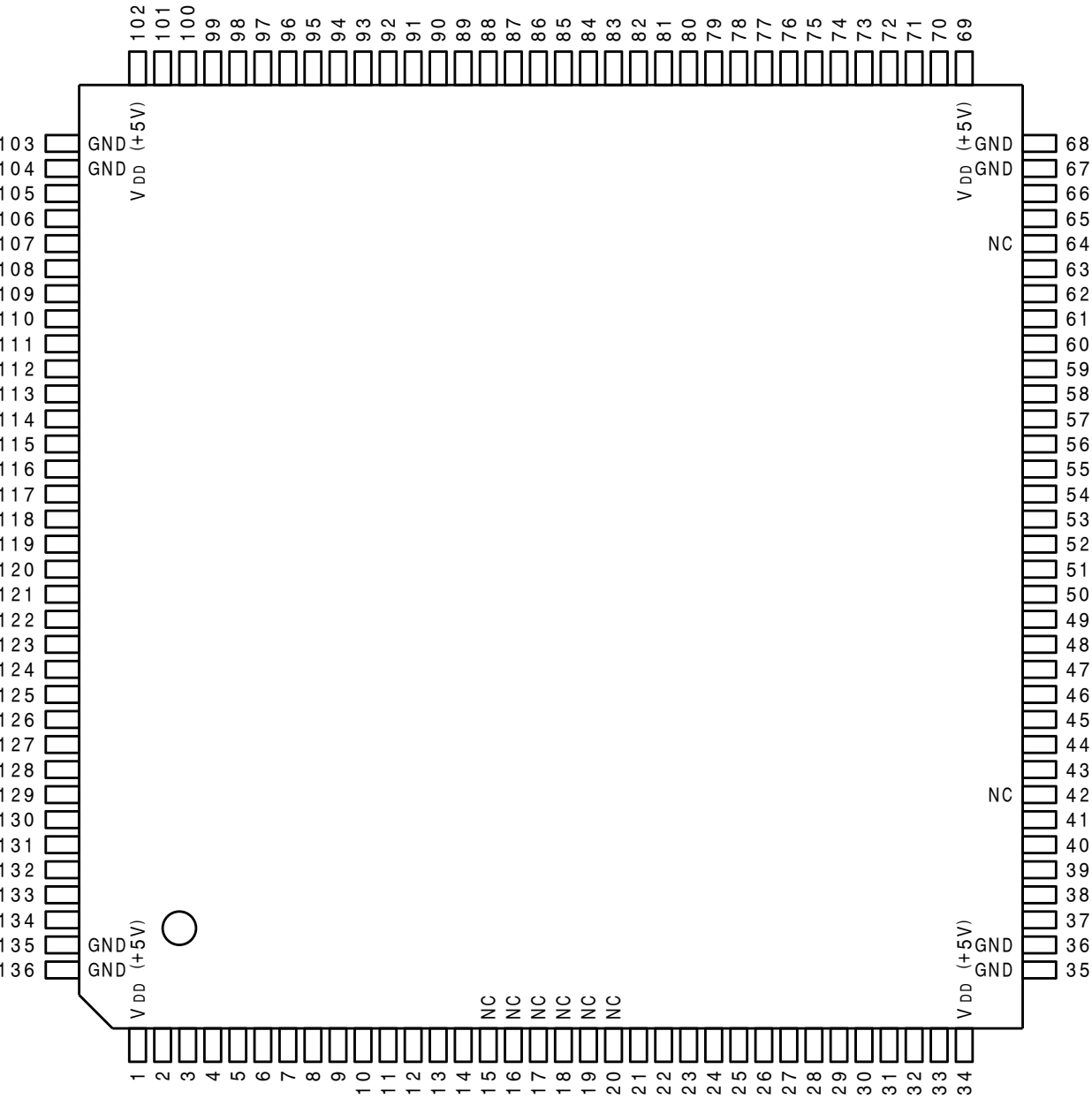
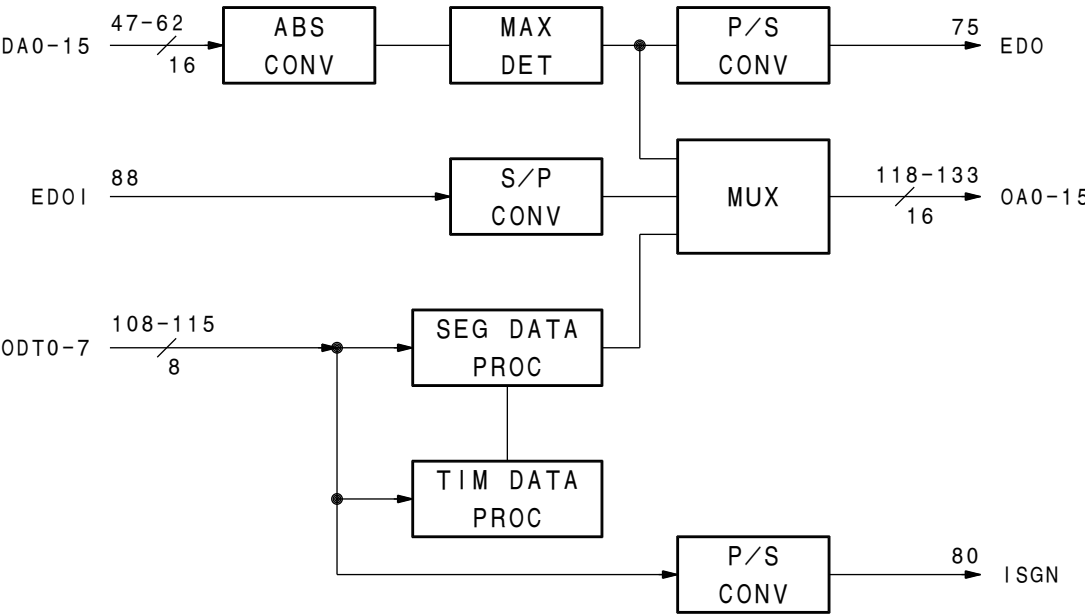

C-MOS SIGNAL PROCESSING FOR METER

-TOP VIEW-



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	–	V _{DD} (+5V)	35	–	GND	69	–	V _{DD} (+5V)	103	–	GND
2	0	OUT0	36	–	GND	70	I	WDER	104	–	GND
3	0	OUT1	37	I	INX	71	I	MUTE	105	0	SREX
4	0	OUT2	38	I	B16X	72	I	CRC	106	0	SDAX
5	0	OUT3	39	I	C24X	73	0	ESY	107	0	SPKX
6	0	OUT4	40	I	SEL0	74	0	E768	108	I	ODT3
7	0	OUT5	41	I	SEL1	75	0	EDO	109	I	ODT4
8	0	OUT6	42	–	NC	76	0	ECNT	110	I	ODT2
9	0	OUT7	43	0	PORT	77	I	M192	111	I	ODT5
10	0	OUT8	44	0	DRDY	78	I	WSYX	112	I	ODT1
11	0	OUT9	45	I	REC	79	I	SSYX	113	I	ODT6
12	0	OUTA	46	I	RDY	80	0	ISGN	114	I	ODT0
13	0	OUTB	47	I	DA15	81	0	ICNT	115	I	ODT7
14	0	SAMP	48	I	DA14	82	0	DREC	116	0	DSOX
15	–	NC	49	I	DA13	83	0	DEMP	117	0	SGOX
16	–	NC	50	I	DA12	84	0	FISX	118	0	OA00
17	–	NC	51	I	DA11	85	0	ISY	119	0	OA01
18	–	NC	52	I	DA10	86	0	I768	120	0	OA02
19	–	NC	53	I	DA9	87	0	ISGS	121	0	OA03
20	–	NC	54	I	DA8	88	I	EDOI	122	0	OA14
21	I	TES2	55	I	DA7	89	I	ECNI	123	0	OA04
22	I	TES1	56	I	DA6	90	I	ESYI	124	0	OA05
23	I	TES0	57	I	DA5	91	I	E76I	125	0	OA06
24	I	TEST	58	I	DA4	92	I	DPM1	126	0	OA15
25	I	RST	59	I	DA3	93	I	DPM0	127	0	OA07
26	I	TRF4	60	I	DA2	94	I	HRSX	128	0	OA08
27	I	TRF3	61	I	DA1	95	I	OTS2	129	0	OA13
28	I	TRF2	62	I	DA0	96	I	OTS1	130	0	OA09
29	I	TRF1	63	I	EMP	97	I	OTS0	131	0	OA10
30	I	TRF0	64	–	NC	98	I	BIMX	132	0	OA12
31	I	TCM2	65	0	DOVR	99	I	FST0	133	0	OA11
32	I	TCM1	66	0	DCND	100	I	FST1	134	–	FLCK
33	I	TCM0	67	–	GND	101	I	FBX	135	–	GND
34	–	V _{DD} (+5V)	68	–	GND	102	–	V _{DD} (+5V)	136	–	GND



62	DA0	ED0	75
61	DA1		
60	DA2		
59	DA3		
58	DA4		
57	DA5		
56	DA6		
55	DA7		
54	DA8		
53	DA9		
52	DA10		
51	DA11	OA00	118
50	DA12	OA01	119
49	DA13	OA02	120
48	DA14	OA03	121
47	DA15	OA04	123
88	EDO1	OA05	124
114	ODT0	OA06	125
112	ODT1	OA07	127
110	ODT2	OA08	128
108	ODT3	OA09	130
109	ODT4	OA10	131
111	ODT5	OA11	133
113	ODT6	OA12	132
115	ODT7	OA13	129
30	TRF0	OA14	122
29	TRF1	OA15	126
28	TRF2	ISGN	80
27	TRF3		
26	TRF4	OUT0	2
23	TES0	OUT1	3
22	TES1	OUT2	4
21	TES2	OUT3	5
24	TEST	OUT4	6
33	TCM0	OUT5	7
32	TCM1	OUT6	8
31	TCM2	OUT7	9
25	RST	OUT8	10
37	INX	OUT9	11
38	B16X	OUTA	12
39	C24X	OUTB	13
40	SEL0		
41	SEL1	SAMP	14
45	REC	POPT	43
46	RDY	DRDY	44
63	EMP	DOVR	65
70	WDER	DCND	66
71	MUTE	ESY	73
72	CRC	E768	74
77	M192	ECNT	76
78	WSYX	ICNT	81
79	SSYX	DREC	82
89	ECN1	DEMP	83
90	ESY1	FISX	84
91	E761	ISY	85
93	DPM0	I768	86
92	DPM1	ISGS	87
94	HRSX	SREX	105
97	OTS0	SDAX	106
96	OTS1	SPKX	107
95	OTS2	DSOX	116
98	BIMX	SGOX	117
99	FST0		
100	FST1		
101	FBX		
134	FLCK		

INPUT

B16X 16/32 SEG MODE EXCHANGE
 BIMX BIT IMAGE DISPLAY
 C24X 24/48 CH MODE EXCHANGE
 CRC
 DA0-DA15 AUDIO DATA
 DPM0-DPM1 DISPLAY MODE SETTING

DPM1	DPM0	DISPLAY MODE
0	0	NORM
0	1	2SEC
1	0	HOLD
1	1	CAL

0: LOW LEVEL
 1: HIGH LEVEL

E761 CLOCK INPUT FOR EXT MODE
 ECN1 FLAG INPUT FOR EXT MODE
 EDO1 DATA INPUT FOR EXT MODE
 ESY1 SYNC INPUT FOR EXT MODE
 EMP EMPHASIS
 FST0-FST1 OVER LEVEL
 FBX OVER LEVEL
 HRSX HOLD MODE RESET
 INX INX/EXT MODE EXCHANGE
 M192 192F MASTER CLOCK
 MUTE MUTE
 ODT0-ODT7 OUTSIDE ROM DATA INPUT (0-7)
 OTS0-OTS2 OVER LEVEL DETECT (0-2)
 REC REC
 RDY REC READY
 RST RESET
 SEL0-SEL1 TEST
 SSYX SECTER SYNCX
 TCM0-TCM2 CONDITION DISPLAY SELECT
 TES0-TES2 TEST
 TEST TEST
 TRF0-TRF4 RELEASE TIME SETTING
 WDER WORD ERROR
 WSYX WORD SYNCX

OUTPUT

DCND CONDITION DISPLAY DATA
 DEMP EMPHASIS DISPLAY SIGNAL
 DOVR OVER DISPLAY DATA
 DRDY REC READY DISPLAY SIGNAL
 DREC REC DISPLAY SIGNAL
 DSOX CONTROL SIGNAL FOR EXT ROM
 E768 CLOCK FOR EXT METER
 ECNT FLAG FOR EXT METER
 EDO DATA FOR EXT METER
 ESY SYNC SIGNAL FOR EXT METER
 FISX EXT MODE SYNC SIGNAL
 ISGN DATA FOR INT METER
 ICNT FLAG FOR INT METER
 ISY SYNC SIGNAL FOR INT METER
 I768 CLOCK FOR INT METER
 ISGS DATA FOR INT METER
 OA00-OA14 DATA OUTPUT FOR EXT ROM
 OUT0-9, OUTA, B TEST SIGNAL MONITOR
 POPT DISPLAY ENABLE SIGNAL
 SAMP TEST SIGNAL MONITOR
 SDAX 4F* CLOCK
 SPKX F* CLOCK
 SGOX CONTROL SIGNAL FOR EXT ROM
 SREX 2F* CLOCK

INPUT/OUTPUT

FLCK FLASHING DISPLAY CLOCK