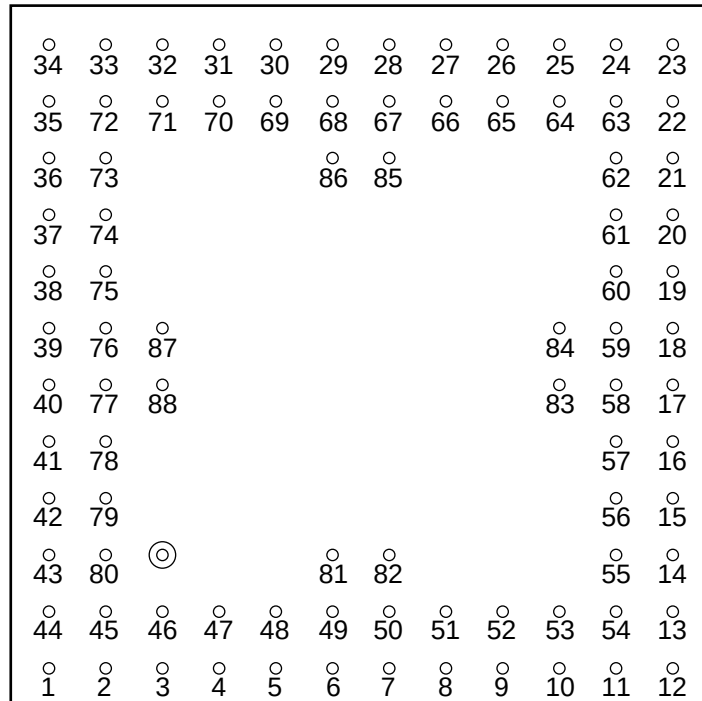

C-MOS GATE ARRAY

-BOTTOM VIEW-



(VDD = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	IFDD	23	—	NC	45	I	SL0C	67	O	EXTH
2	I	IHDD	24	I	RS5F	46	I	SL2D	68	O	OHD
3	I	SL1D	25	I	ILK	47	I	CK13D	69	O	OVD
4	I	SL0D	26	I	I48K	48	O	FCNT0	70	O	OFD
5	O	FCNT1	27	I	IFDB	49	O	FCNT2	71	O	O48K
6	O	FCNT3	28	I	IHDB	50	O	FCNT4	72	O	O61M
7	O	FCNT5	29	I	ICSY	51	O	FCNT6	73	O	OSTP
8	O	FCNT7	30	O	OFTP	52	I	TSTA	74	O	OHTP
9	O	FCNT8	31	I	SLCN	53	I	TSTB	75	I	CK27M
10	O	FCNT9	32	O	OREFB	54	O	SCNT2	76	O	O5FR
11	O	SCNT0	33	O	OVALB	55	O	SCNT4	77	O	CK90M
12	—	GND	34	—	GND	56	—	NC	78	O	OFRM
13	O	SCNT1	35	O	OREFA	57	O	SCNT7	79	I	CK13C
14	O	SCNT3	36	O	OVALA	58	O	SCNT9	80	I	SL1C
15	O	SCNT5	37	O	CK15M	59	O	SCNTB	81	—	GND
16	O	SCNT6	38	O	CK22M	60	O	SCNTD	82	—	VDD
17	O	SCNT8	39	O	CK67M	61	I	CK12M	83	—	VDD
18	O	SCNTA	40	O	CK13M	62	I	MD56	84	—	GND
19	O	SCNTC	41	O	OHDA	63	I	TST1	85	—	GND
20	I	SLVA	42	I	IFDC	64	O	LOCKA	86	—	VDD
21	I	RSLA	43	I	IHDC	65	O	LOCKB	87	—	VDD
22	I	RSLB	44	I	SL2C	66	O	OMD	88	—	GND

29	ICSY	OREFA	35	INPUT	
		OVALA	36	CK12M	; AUDIO 12.288MHz CLOCK
25	ILK	OREFB	32	CK13C	; CLOCK FOR REFERENCE INPUT C
		OVALB	33	CK13D	; CLOCK FOR REFERENCE INPUT D
61	CK12M	CK13M	40	CK27M	; VIDEO 27.0MHz CLOCK
75	CK27M	CK15M	37	I48K	; AUDIO 48kHz INPUT
		CK22M	38	ICSY	; COMPOSITE SYNC INPUT
27	IFDB	CK67M	39	IFDB	; FRAME PULSE OF REFERENCE INPUT B
28	IHDB	CK90M	77	IFDC	; FRAME PULSE OF REFERENCE INPUT C
				IFDD	; FRAME PULSE OF REFERENCE INPUT D
42	IFDC	OFTP	30	IHDB	; H SYNC PULSE OF REFERENCE INPUT B
43	IHDC	OSTP	73	IHDC	; H SYNC PULSE OF REFERENCE INPUT C
79	CK13C	OHTP	74	IHDD	; H SYNC PULSE OF REFERENCE INPUT D
				ILK	; INHIBITION OF AUDIO PLL REFERENCE
45	SL0C	O5FR	76	MD56	; 525 / 625 SYSTEM MODE
80	SL1C	OFRM	78	RS5F	; AUDIO 5 FRAME RESET INPUT
44	SL2C	O48K	71	RSLA, RSLB	; REFERENCE INPUT SELECT CONTROL
		O61M	72	SL0C – SL2C	; DELAY CONTROL OF REFERENCE INPUTS C
1	IFDD	LOCKA	64	SL0D – SL2D	; DELAY CONTROL OF REFERENCE INPUTS D
2	IHDD	LOCKB	65	SLCN	; SEGMENT / HORIZONTAL COUNT SELECT CONTROL
47	CK13D	EXTH	67	SLVA	; VIDEO / AUDIO REFERENCE SELECT
4	SL0D	OMD	66	TST1	; TEST USE
3	SL1D	OVD	69	TSTA, TSTB	; TEST USE
46	SL2D	OFD	70		
		OHD	68		
21	RSLA	OHDA	41		
22	RSLB	FCNT0	48		
24	RS5F	FCNT1	5		
62	MD56	FCNT2	49		
		FCNT3	6		
20	SLVA	FCNT4	50		
31	SLCN	FCNT5	7		
		FCNT6	51		
26	I48K	FCNT7	8		
		FCNT8	9		
		FCNT9	10		
52	TSTA	SCNT0	11		
53	TSTB	SCNT1	13		
63	TST1	SCNT2	54		
		SCNT3	14		
		SCNT4	55		
		SCNT5	15		
		SCNT6	16		
		SCNT7	57		
		SCNT8	17		
		SCNT9	58		
		SCNTA	18		
		SCNTB	59		
		SCNTC	19		
		SCNTD	60		

OUTPUT

CM13M	; 13.5MHz CLOCK
CK15M	; 1.5MHz CLOCK
CK22M	; 2.25MHz CLOCK
CK67M	; 6.75MHz CLOCK
CK90M	; 9.0MHz CLOCK
EXTH	; REFERENCE INPUT DETECT
FCNT0 – FCNT9	; FRAME COUNT OUTPUTS (FCNT9 : MSB)
LOCK A, LOCK B	; LOCK STATE OUTPUTS OF PLL A (VIDEO), PLL B (AUDIO)
O48K	; 48kHz OUTPUT
O5FR	; AUDIO 5 FRAME OUTPUT
O61M	; 6.144MHz OUTPUT
OFD	; FRAME PULSE OF SELECTED REFERENCE
OFRM	; FRAME PULSE
OFTP	; FRAME TOP PULSE
OHD	; H SYNC PULSE OF SELECTED REFERENCE
OHDA	; H SYNC PULSE
OHTP	; H SYNC TOP PULSE
OMD	; DETECTED 525 / 625 SYSTEM MODE
OREFA, OREFB	; REFERENCE PULSE OF PLL A, PLL B
OSTP	; SEGMENT / HORIZONTAL COUNT TOP PULSE
OVALA, OVALB	; VARIABLE PULSE OF PLL A, PLL B
OVD	; V PULSE OF COMPOSITE SYNC INPUT
SCNT0 – SCNT9	; SEGMENT / HORIZONTAL COUNTER OUTPUTS
SCNTA – SCNTD	; SEGMENT / HORIZONTAL COUNTER OUTPUTS (SCNTD : MSB)