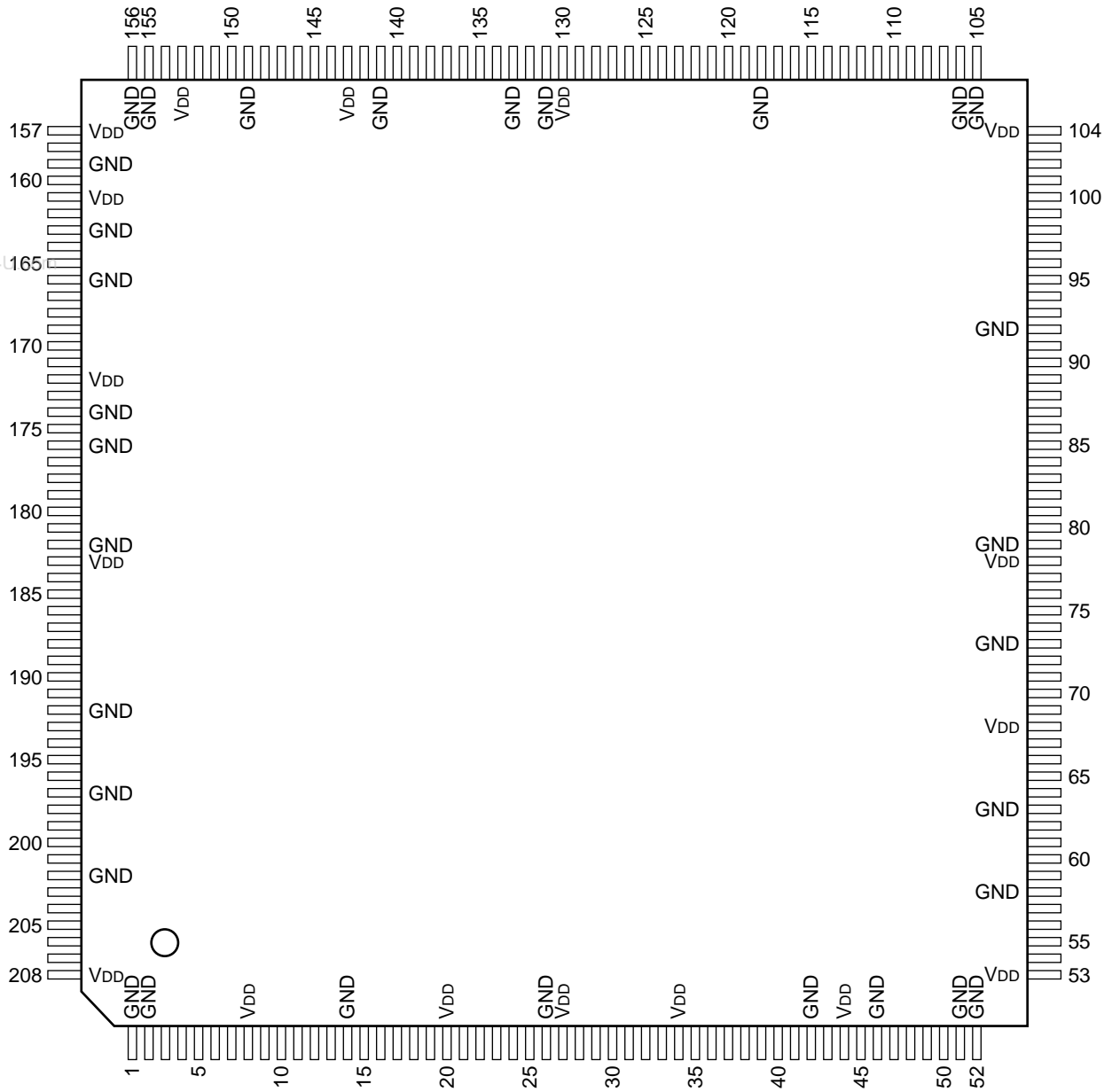


C-MOS IMAGE ENHANCER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	GND	53	—	V _{DD}	105	—	GND	157	—	V _{DD}
2	—	GND	54	O	DTL07	106	—	GND	158	O	SC
3	O	RO08	55	O	DTL06	107	I	BI11	159	—	GND
4	O	RO07	56	O	DTL05	108	I	GI00	160	I	EXTSC
5	O	RO06	57	O	DTL04	109	I	GI01	161	—	V _{DD}
6	O	RO05	58	—	GND	110	I	GI02	162	I	EXTSYNC
7	O	RO04	59	O	DTL03	111	I	GI03	163	—	GND
8	—	V _{DD}	60	O	DTL02	112	I	GI04	164	O	HCOM2
9	O	RO03	61	O	DTL01	113	I	GI05	165	O	HCOM1
10	O	RO02	62	O	DTL00	114	I	GI06	166	—	GND
11	O	RO01	63	—	GND	115	I	GI07	167	I	VRST
12	O	RO00	64	O	MPX13	116	I	GI08	168	O	CF
13	O	GO11	65	O	MPX12	117	I	GI09	169	O	TGC
14	—	GND	66	O	MPX11	118	—	GND	170	O	INTEXT
15	O	GO10	67	O	MPX10	119	I	GI10	171	O	CHARCLK
16	O	GO09	68	—	V _{DD}	120	I	GI11	172	—	V _{DD}
17	O	GO08	69	O	MPX09	121	I	RI00	173	I	TRST
18	O	GO07	70	O	MPX08	122	I	RI01	174	—	GND
19	O	GO06	71	O	MPX07	123	I	RI02	175	I	TCK
20	—	V _{DD}	72	O	MPX06	124	I	RI03	176	—	GND
21	O	GO05	73	—	GND	125	I	RI04	177	I	TMS
22	O	GO04	74	O	MPX05	126	I	RI05	178	I	TDI
23	O	GO03	75	O	MPX04	127	I	BI06	179	O	TDO
24	O	GO02	76	O	MPX03	128	I	RI07	180	I	HDI
25	O	GO01	77	O	MPX02	129	I	RI08	181	I	VDI
26	—	GND	78	—	V _{DD}	130	—	V _{DD}	182	—	GND
27	—	V _{DD}	79	—	GND	131	—	GND	183	—	V _{DD}
28	O	GO00	80	O	MPX01	132	O	CLK18	184	I	RTEB
29	O	BO11	81	O	MPX00	133	—	GND	185	I	RTIN
30	O	BO10	82	I	STD23	134	I	RI09	186	O	SDAO
31	O	BO09	83	I	STD22	135	I	RI10	187	I	SDAI
32	O	BO08	84	I	STD21	136	I	RI11	188	I	SCL
33	O	BO07	85	I	STD20	137	O	OHBFLD	189	I	SLAO
34	—	V _{DD}	86	I	STD13	138	O	OHBVD	190	I	SLAI
35	O	BO06	87	I	STD12	139	O	OHBHD	191	I	TEST
36	O	BO05	88	I	STD11	140	O	ASSV	192	—	GND
37	O	BO04	89	I	STD10	141	—	GND	193	O	VFD0
38	O	BO03	90	O	VDO	142	O	ACSH	194	O	VFD1
39	O	BO02	91	O	HDO	143	—	V _{DD}	195	O	VFD2
40	O	BO01	92	—	GND	144	O	QBAR	196	O	VFD3
41	O	BO00	93	I	BI00	145	O	IBAR	197	—	GND
42	—	GND	94	I	BI01	146	O	CLAMP	198	O	VFD4
43	I	CLK	95	I	BI02	147	O	SAMPLE	199	O	VFD5
44	—	V _{DD}	96	I	BI03	148	O	SYSYBLK	200	O	VFD6
45	I	PRST	97	I	BI04	149	—	GND	201	O	VFD7
46	—	GND	98	I	BI05	150	O	SYNC	202	—	GND
47	O	DTL11	99	I	RI06	151	O	BF	203	O	VFD8
48	O	DTL10	100	I	BI07	152	O	LALT	204	O	VFD9
49	O	DTL09	101	I	BI08	153	—	V _{DD}	205	O	RO11
50	O	DTL08	102	I	BI09	154	I	FSC4	206	O	RO10
51	—	GND	103	I	BI10	155	—	GND	207	O	RO09
52	—	GND	104	—	V _{DD}	156	—	GND	208	—	V _{DD}

INPUT

BI00 - BI11	: B CHANNEL VIDEO DATA
CLK	: CLOCK
EXTSC	: EXTERNAL SUBCARRIER
EXTSYNC	: EXTERNAL SYNC
FSC4	: 4 fsc
GI00 - GI11	: G CHANNEL VIDEO DATA
HDI	: HORIZONTAL DRIVE
PRST	: POWER ON RESET
RI00 - RI11	: R CHANNEL VIDEO DATA
RTEB	: RAM TEST ENABLE
RTIN	: RAM TEST DATA
SCL	: IIC CLOCK
SDAI	: IIC DATA
SLAI	: SUB ADDRESS 2nd LSB
SLAO	: SUB ADDRESS LSB
STD10 - STD23	: SKIN TONE AREA
TCK	: BOUNDARY SCAN CLOCK
TDI	: BOUNDARY SCAN DATA
TEST	: TEST ENABLE
TMS	: BOUNDARY SCAN MODE
TRST	: BOUNDARY SCAN RESET
VDI	: VERTICAL DRIVE
VRST	: VERTICAL RESET

OUTPUT

ACSH	: ASPECT RATIO CONVERSION CLOCK/HD
ASSV	: ASPECT RATIO CONVERSION SELECT PULSE/VD
BF	: BURST FLAG
BO00 - BO11	: B CHANNEL VIDEO DATA
CF	: COLOR FRAMING
CHARCLK	: CHARACTER GENERATOR CLOCK
CLAMP	: CLAMP PULSE
CLK18	: 18 MHz CLOCK
DTL00 - DTL11	: DETAIL SIGNAL
GO00 - GO11	: G CHANNEL VIDEO DATA
HCOMP1, HCOMP2	: HORIZONTAL SYNC PHASE COMPARATOR
HDO	: HORIZONTAL RESET
IBAR	: SMPTE I BAR FLAG
INTEXT	: SYNC GENERATOR INTERNAL/EXTERNAL
LALT	: LINE ALTERNATE
MPX00-MPX13	: DETECT DATA
OHBFLD	: FIELD
OHBHD	: HORIZONTAL RESET
OHBVD	: VERTICAL RESET
QBAR	: SMPTE Q BAR FLAG
RO00 - RO11	: R CHANNEL VIDEO DATA
SAMPLE	: SAMPLE PULSE
SC	: SUBCARRIER
SDAO	: SERIAL DATA
SYNCE	: SYNC PULSE
SYSYBLK	: SYSTEM BLANKING PULSE
TDO	: BOUNDARY SCAN DATA
TGC	: BURST GATE PULSE
VDO	: VERTICAL RESET
VFD0 - VFD9	: VF DETAIL SIGNAL