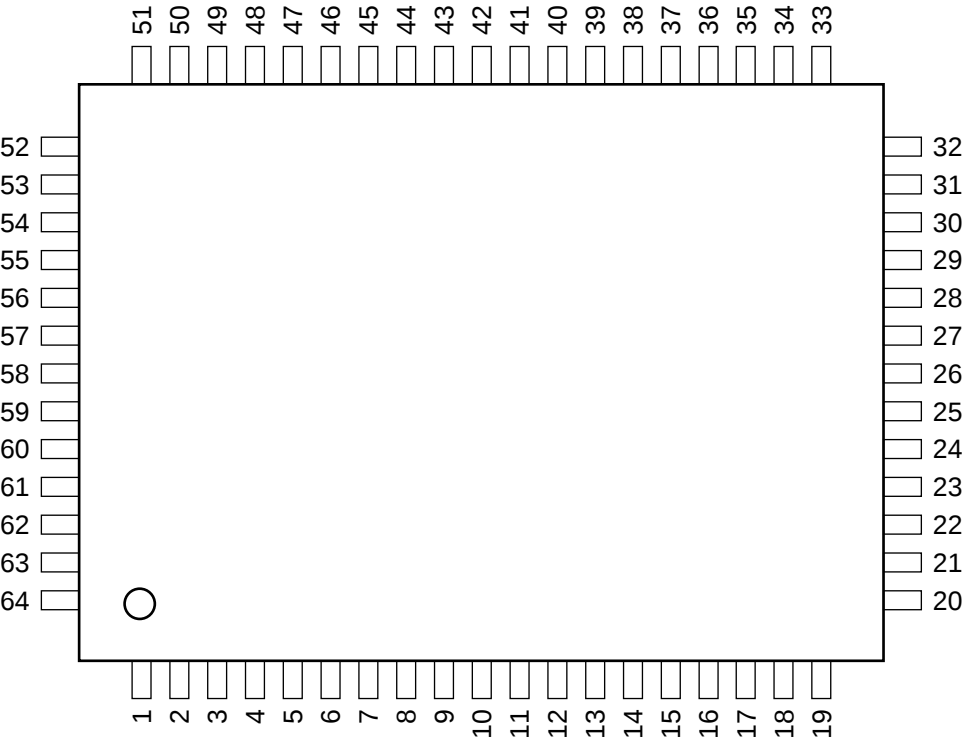


Y/C/RGB/D SIGNAL PROCESSOR

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	SECAMREF	17	I	R2IN	33	O	E-WOUT	49	O	VM
2	—	SGND	18	I	G2IN	34	O	VAGCSH	50	I	SCL
3	O	– (R-Y) OUT	19	I	B2IN	35	O	SAWOSC	51	I/O	SDA
4	O	– (B-Y) OUT	20	—	SVcc	36	—	DVcc	52	O	BLHOLD
5	O	YOUT	21	O	RSH	37	O	HD OUT	53	I	CVIN
6	I	YRET	22	O	ROUT	38	I	AFCPIN/HOFF	54	O	DCTRAN
7	I	– (R-Y) IN	23	O	GSH	39	O	L2FIL	55	I	YIN
8	I	– (B-Y) IN	24	O	GOUT	40	O	AFCFIL	56	I	EXT SYNC IN
9	—	SGND	25	O	BSH	41	O	CERA	57	I	CIN
10	O	SCPOUT	26	O	BOUT	42	—	DGND	58	O	TEST
11	I	YS1	27	I	IKIN	43	I	IREF	59	—	SVcc
12	I	R1IN	28	I	ABLIN/VCOMP	44	—	DVcc	60	O	APCFIL
13	I	G1IN	29	O	ABLFIL	45	I	VSFIL	61	O	X443
14	I	B1IN	30	O	VTIM	46	I	VSIN	62	O	X358
15	I	YS2	31	I/O	VD–OUT/VPROT	47	I	HSIN	63	—	NC
16	I	YM	32	I/O	VD+OUT/VPROT	48	O	SYNCOUT	64	O	FSCOUT

INPUTS

– $\overline{(B-Y)}$ IN	: DIFFERENTIAL SIGNAL
– $\overline{(R-Y)}$ IN	: DIFFERENTIAL SIGNAL
ABLIN	: ABL CONTROL SIGNAL
AFCPIN/HOFF	: H DEFLECTION PULSE FOR H AFC IN
B1IN	: ANALOG B SIGNAL
B2IN	: ANALOG/DIGITAL B SIGNAL
CIN	: CHROMA
CVIN	: COMPOSITE VIDEO
EXT SYNC IN	: EXTERNAL SYNC SIGNAL
G1IN	: ANALOG G SIGNAL
G2IN	: ANALOG/DIGITAL G SIGNAL
HSIN	: SYNC IN FOR H SYNC SEPARATOR
IKIN	: VOLTAGE CONVERTED FROM CRT BEAM CURRENT SIGNAL
IREF	: STANDARD CURRENT SET INSIDE IC
R1IN	: ANALOG R SIGNAL
R2IN	: ANALOG/DIGITAL R SIGNAL
SCL	: SCL (SERIAL CLOCK) IN OF I ² C BUS
VCOMP	: VSAW HIGH VOLTAGE CORRECTION
VPROT	: V PROTECT SIGNAL
VSFIL	: FILTER FOR V SYNC SEPARATOR
VSIN	: SYNC IN FOR V SYNC SEPARATOR
YIN	: Y SIGNAL
YM	: YM CONTROL
YRET	: LUMINANCE
YS1	: YSSW CONTROL
YS2	: YS CONTROL

OUTPUTS

– $\overline{(B-Y)}$ OUT	: DIFFERENTIAL SIGNAL
– $\overline{(R-Y)}$ OUT	: DIFFERENTIAL SIGNAL
ABLFIL	: CAPACITOR CONNECTED FOR LPF THAT IS ABL CONTROL
AFCFIL	: CR IS CONNECTED FOR LUG LEAD OF AFC
APCFIL	: CR IS CONNECTED FOR CHROMA APC LUG LEAD
BLHOLD	: CAPACITOR CONNECTED THAT IS BLACK PEAK HOLD OF DYNAMIC PICTURE
BOUT	: B SIGNAL
BSH	: B SIGNAL AKB SAMPLE HOLD
CERA	: CERAMIC OSCILLATOR OF 32 × FH VCO
DCTAN	: CAPACITOR CONNECTED TO GND FOR SETTING DC TRANSLATION
E-WOUT	: V PARABOLA WAVEFORM
FSCOUT	: SUB-CARRIER
GOUT	: G SIGNAL
GSH	: G SIGNAL AKB SAMPLE HOLD
HD OUT	: H DRIVE SIGNAL
L2FIL	: FILTER FOR H AFC
ROUT	: R SIGNAL
RSH	: R SIGNAL AKB SAMPLE HOLD
SAWOSC	: CAPACITOR CONNECTED THAT MAKES V SAW TOOTH WAVEFORM
SCPOUT	: SAND CASTLE PULSE
SYNCOUT	: SYNC OUT FOR VSIN AND HSIN
TEST	: TEST
VAGCSH	: SAMPLE HOLD FOR V SAW TOOTH WAVEFORM AMPLITUDE FIXING
VD–OUT	: V SAW TOOTH WAVEFORM
VD+OUT	: V SAW TOOTH WAVEFORM OUT THAT IS REVERSE POLAR AGAINST VD–OUT
VM	: DIFFERENTIAL WAVEFORM OUT OF VM (VELOCITY MODULATION) Y SIGNAL
VTIM	: V TIMING PULSE
X358	: CRYSTAL OSCILLATOR 3.58 MHz
X443	: CRYSTAL OSCILLATOR 4.433 MHz
YOUT	: LUMINANCE

INPUTS/OUTPUTS

$\overline{SDA}$	: SDA (SERIAL DATA) IN/OUT OF I ² C BUS
$\overline{SECAMREF}$	: SECAM REFERENCE

OTHER

NC	: NO CONNECTION
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