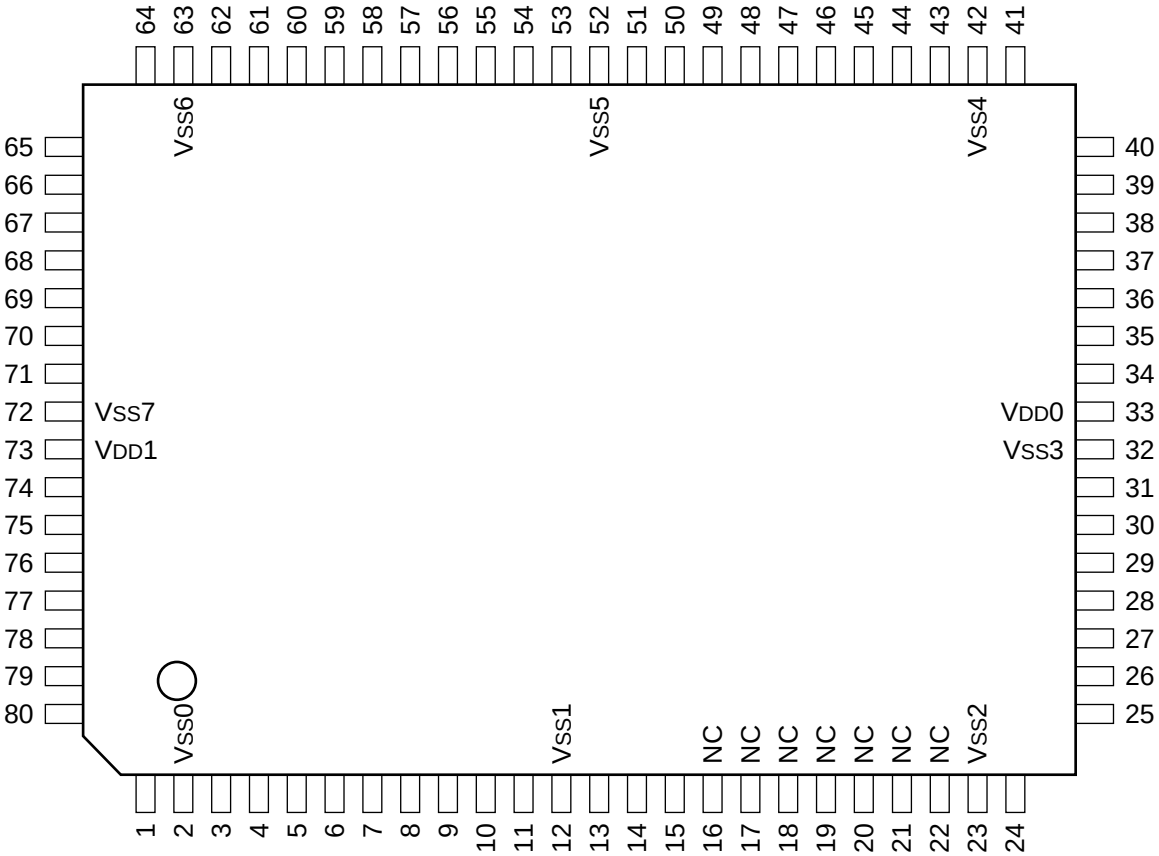
C-MOS A/D CONVERTED SIGNAL INTERFACE

—TOP VIEW—



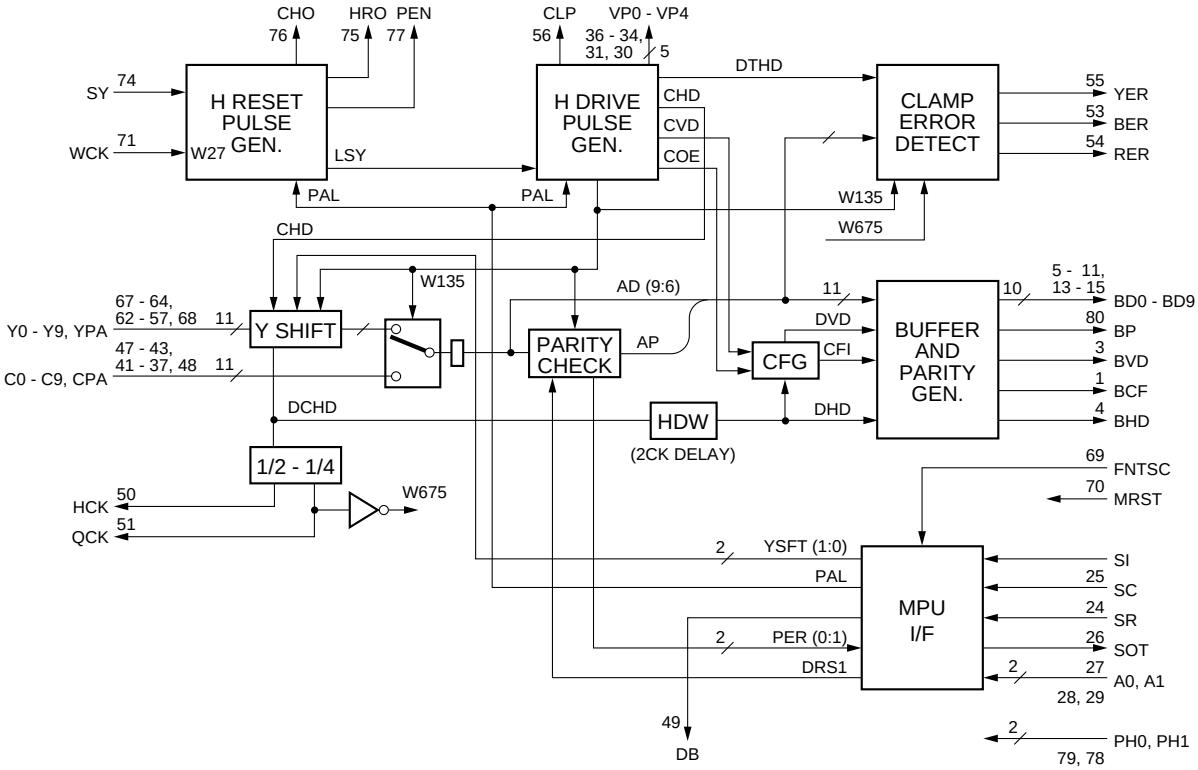
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	BCF	21	—	NC	41	I	C5	61	I	Y5
2	—	VSS0	22	—	NC	42	—	VSS4	62	I	Y4
3	O	BVD	23	—	VSS2	43	I	C4	63	—	VSS6
4	O	BHD	24	I	SC	44	I	C3	64	I	Y3
5	O	BD0	25	I	SI	45	I	C2	65	I	Y2
6	O	BD1	26	I	SR	46	I	C1	66	I	Y1
7	O	BD2	27	O	SOT	47	I	C0	67	I	Y0
8	O	BD3	28	I	A1	48	I	CPA	68	I	YPA
9	O	BD4	29	I	A0	49	O	DB	69	I	FNTSC
10	O	BD5	30	I	VP4	50	O	HCK	70	I	MRST
11	O	BD6	31	I	VP3	51	O	QCK	71	I	WCK
12	—	VSS1	32	—	VSS3	52	—	VSS5	72	—	VSS7
13	O	BD7	33	—	VDD0	53	O	BER	73	—	VDD1
14	O	BD8	34	I	VP2	54	O	RER	74	I	SY
15	O	BD9	35	I	VP1	55	O	YER	75	O	HRO
16	—	NC	36	I	VP0	56	O	CLP	76	O	CHO
17	—	NC	37	I	C9	57	I	Y9	77	O	PEN
18	—	NC	38	I	C8	58	I	Y8	78	I	PH1
19	—	NC	39	I	C7	59	I	Y7	79	I	PH0
20	—	NC	40	I	C6	60	I	Y6	80	O	BP

INPUT

A1 - A0	:	IC ADDRESS
C9 - C0	:	C (R-Y/B-Y) DATA
CPA	:	C PARITY
FNTSC	:	FORCED NTSC MODE
MRST	:	MASTER RESET
PH1, PH0	:	Y/C DELAY ADJ.
SC	:	MPU I/F SERIAL CLOCK
SI	:	MPU I/F DATA
SR	:	MPU I/F START PULSE
SY	:	SYNC
VP4 - VP0	:	VIDEO PHASE ADJ.
WCK	:	27 MHz CLOCK
Y9 - Y0	:	Y DATA
YPA	:	Y PARITY

OUTPUT

BCF	:	COLOR FRAME
BD9 - BD0	:	MULTIPLEX DATA
BER	:	B-Y CLAMP ERROR
BHD	:	HORIZONTAL DRIVE
BP	:	PARITY
BVD	:	VERTICAL DRIVE
CHO	:	COUNT H
CLP	:	CLAMP PULSE
DB	:	D1/B-CAM MODE
HCK	:	13.5 MHz CLOCK
HRO	:	H RESET PULSE
PEN	:	PHASE COMPARATE ENABLE
QCK	:	6.75 MHz CLOCK
RER	:	R-Y CLAMP ERROR
SOT	:	MPU I/F DATA
YER	:	Y CLAMP ERROR


CHO
76
HRO
75
PEN
77
CLP
56
VP0 - VP4
36 - 34,
31, 30
5
SY
74
WCK
71
H RESET
PULSE
GEN.
W27
LSY
H DRIVE
PULSE
GEN.
CHD
CVD
COE
DTHD
CLAMP
ERROR
DETECT
55
YER
53
BER
54
RER
PAL
PAL
W135
W675
CHD
W135
AD (9:6)
67 - 64,
62 - 57, 68
11
Y0 - Y9, YPA
47 - 43,
41 - 37, 48
11
C0 - C9, CPA
Y SHIFT
PARITY
CHECK
AP
11
DVD
CFG
CFI
BUFFER
AND
PARITY
GEN.
10
5 - 11,
13 - 15
BD0 - BD9
80
BP
3
BVD
1
BCF
4
BHD
DCHD
HDW
(2CK DELAY)
DHD
1/2 - 1/4
HCK
50
QCK
51
W675
69
FNTSC
70
MRST
2
YSFT (1:0)
PAL
SI
25
SC
24
SR
26
SOT
2
27
A0, A1
28, 29
MPU
I/F
2
PER (0:1)
DRS1
49
DB
2
PH0, PH1
79, 78