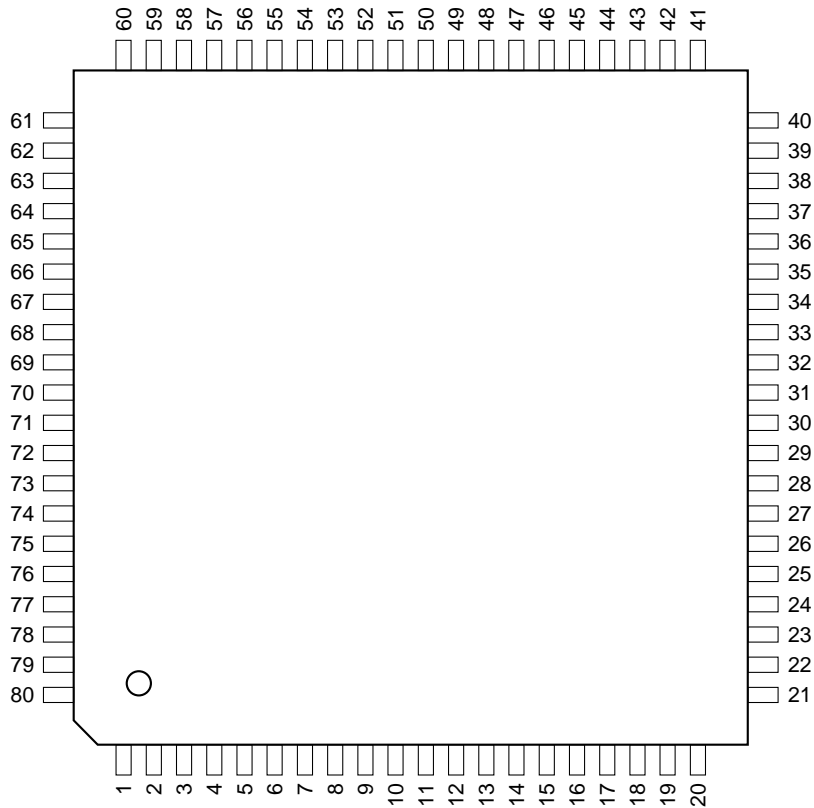


SIGNAL PROCESSOR FOR CCD COLOR CAMERAS

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	TEST18	21	—	GND	41	—	Vcc	61	—	Vcc
2	I	TEST19	22	O	DOC7	42	O	MCKO	62	I	MCKI32
3	I	TEST0	23	O	DOC6	43	O	MCKO14	63	O	FRO
4	I	INVI	24	O	DOC5	44	O	MFRO	64	O	HRO
5	O	INVO	25	O	DOC4	45	O	MHRO	65	O	CLPOB
6	—	GND	26	O	DOC3	46	O	MWEO	66	I	WEI
7	I	TEST20	27	O	DOC2	47	O	MCKO32	67	I	MCKI
8	I	CLR	28	O	DOC1	48	O	CDIS	68	I	DOCNT
9	I	CE	29	O	DOC0	49	—	GND	69	—	GND
10	I	SCK	30	—	Vcc	50	O	TEST7	70	I	AD9
11	I	SI	31	O	DOY7	51	O	TEST8	71	I	AD8
12	O	SO	32	O	DOY6	52	O	TEST9	72	I	AD7
13	O	TEST21	33	O	DOY5	53	I	TEST10	73	I	AD6
14	—	Vcc	34	O	DOY4	54	I	TEST11	74	I	AD5
15	O	TEST1	35	O	DOY3	55	I	TEST12	75	I	AD4
16	O	TEST2	36	O	DOY2	56	I	TEST13	76	I	AD3
17	O	TEST3	37	O	DOY1	57	I	TEST14	77	I	AD2
18	I	TEST4	38	O	DOY0	58	I	TEST15	78	I	AD1
19	I	TEST5	39	—	GND	59	I	TEST16	79	I	AD0
20	—	TEST6	40	I	TSTON	60	I	TEST17	80	—	Vcc

**INPUTS**

AD0 - AD9	: DIGITAL SIGNAL DATA
$\overline{\text{CE}}$	: CHIP SELECT
$\overline{\text{CLR}}$	: INITIALIZE
DOCNT	: TRI-STATE CONTROL
INVI	: INVERTER
MCKI	: SYSTEM MAIN CLOCK
MCKI32	: 3/2 MCKI
SCK	: SERIAL CLOCK
SI	: SERIAL DATA
WEI	: WRITE ENABLE

**OUTPUTS**

$\overline{\text{CDIS}}$	: Cr/Cb LINE IDENTIFICATION TIMING
$\overline{\text{CLPOB}}$	: CLAMP PULSE
DOC0 - DOC7	: DIGITAL CHROMA
DOY0 - DOY7	: DIGITAL Y
FRO	: V SYNC FOR CCD TIMING GENERATOR
HRO	: H SYNC FOR CCD TIMING GENERATOR
INVO	: INVERTER
MCKO	: SYSTEM MAIN CLOCK
MCKO14	: 1/4 MCKO
MCKO32	: 3/2 MCKO
MFRO	: V SYNC
MHRO	: H SYNC
MWEO	: WRITE ENABLE
SO	: SERIAL DATA
TEST1 - TEST3, TEST21	: (FOR TEST)
TEST7 - TEST9	: OPEN

**OTHERS**

TEST0 - TEST21	: (FOR TEST)
TSTON	: (FOR TEST)

