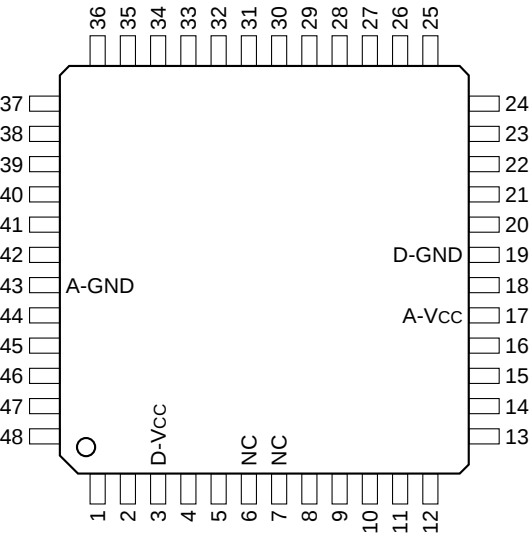


ENCODER FOR CCD COLOR CAMERA

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	R-Y	13	I	MODE	25	I	SYNC	37	I	YTBK
2	I	R-Y CLP	14	I	CS AGC	26	I	SYNC LEVEL	38	I	NOISE SLICE
3	—	D-Vcc	15	I	CSY	27	I	SETUP LEVEL	39	I	YH CLP
4	I	4fsc	16	O	C	28	I	FADER SIG	40	I	YH
5	I	LALT	17	—	A-Vcc	29	I	FADER MODE	41	I	YL-YH CLP
6	—	NC	18	I	C	30	I	Y LEVEL	42	I	YL-YH
7	—	NC	19	—	D-GND	31	O	SHP	43	—	A-GND
8	O	fsc	20	O	CHROMA	32	I	SHP CLP2	44	I	CLP4
9	I	BFG	21	O	V	33	I	DLD	45	I	CLP2
10	I	BF	22	O	Y	34	I	SHP CLP1	46	I	B LEVEL
11	I	CBLK	23	I	SETUP CLP	35	I	DLE	47	I	B-Y
12	I	CTBLK	24	I	WC LEVEL	36	I	SHP LEVEL	48	I	B-Y CLP

INPUT

4fsc	: 4fsc USED TO MAKE UP THE SUB CARRIER
B LEVEL	: CONTROLS THE BURST LEVEL
BF	: BURST FLAG PULSE
BFG	: INSERTS PULSE SLIGHT LARGER THAN BF ON BOTH ENDS
C	: INPUT FOR CHROMA SIGNAL PASSED THROUGH BPF
CBLK	: COMPOSITE BLANKING PULSE
CLP2, CLP4	: CLAMP2, CLAMP4 PULSE INPUT
CS AGC	: SUPPRESS CHROMA SIGNAL AT THE AGC GAIN CONTROL SIGNAL
CSY	: SUPPRESS CHROMA SIGNAL AT THE Y SIGNAL
CTBLK	: CHROMA TITLER PULSE
DLD	: CONNECTS THE DELAY LINE DRIVE SIDE OF THE APERTURE SIGNAL
DLE	: CONNECTS THE DELAY LINE END SIDE OF THE APERTURE SIGNAL
FADER MODE	: BLACK FADER AND WHITE FADER MODE SELECT
FADER SIG	: CONTROLS THE SIGNAL SUPPRESS LEVEL DURING BLACK FADER, CONTROLS THE SIGNAL SUPPRESS LEVEL DURING WHITE FADER AND AT THE SAME TIME CONTROLS THE SET UP LEVEL
LALT	: INPUT FOR LINE ALTERNATE SIGNAL DURING PAL MODE
MODE	: SELECTS NTSC, PAL OR NTSC x 2, PAL x 2 MODES
NOISE SLICE	: CONTROLS THE SLICE LEVEL OF THE APERTURE SIGNAL
R-Y, B-Y	: R-Y, B-Y SIGNAL
R-Y, B-Y CLP	: CONNECTING THE CAPACITOR FOR R-Y, B-Y MODULATOR CLAMP
SETUP CLP	: CONNECTING FOR THE WHITE CLIP CLAMP CAPACITOR
SETUP LEVEL	: SET UP LEVEL CONTROL
SHP CLP1, SHP CLP2	: CONNECTS THE CLAMP CAPACITOR USED FOR THE SLICE OF THE APERTURE SIGNAL
SHP LEVEL	: CONTROL OF THE APERTURE SIGNAL LEVEL
SYNC	: SYNC PULSE
SYNC LEVEL	: SYNC LEVEL CONTROL
WC LEVEL	: WHITE CLIP LEVEL CONTROL
Y LEVEL	: Y SIGNAL LEVEL CONTROL
YH	: YH SIGNAL
YH CLP	: CONNECTS THE CAPACITOR FOR YH INPUT CLAMP
YL-YH	: V APERTURE SIGNALS, TITLER SIGNALS AND YL-YH SIGNALS
YL-YH CLP	: CONNECTS THE CAPACITOR FOR YL-YH INPUT CLAMP
YTBK	: Y TITLER PULSE

OUTPUT

C	: CHROMA SIGNAL OUTPUT
CHROMA	: CHROMA SIGNAL OUTPUT WHEN USED FOR Y/C SEPARATION OUTPUT
fsc	: OUTPUTS A SUB CARRIER WITH THE SAME PHASE AS B-Y
SHP	: APERTURE SIGNAL
V	: COMPOSITE VIDEO SIGNAL
Y	: Y SIGNAL OUTPUT WHEN USED FOR Y/C SEPARATION OUTPUT

