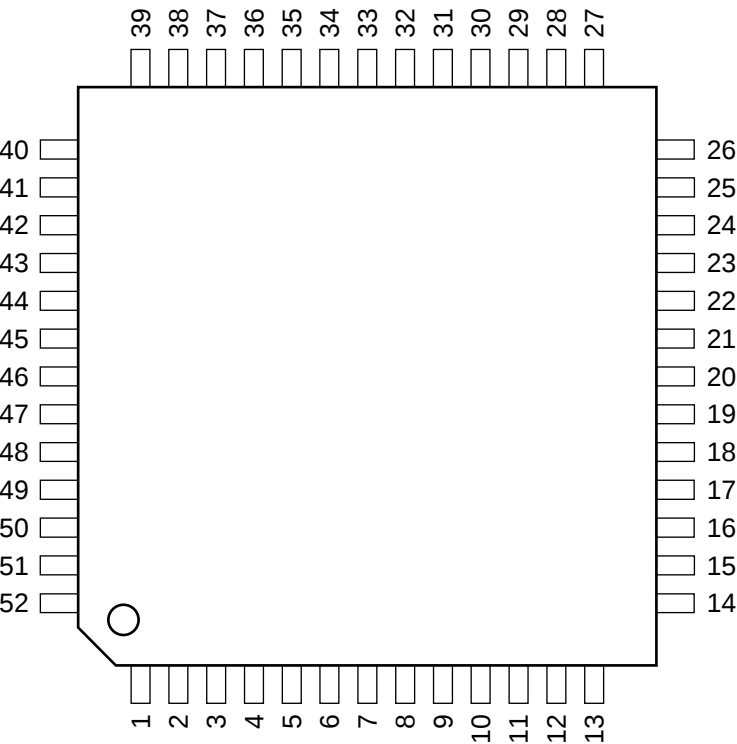


YCrCb TO NTSC/PAL DIGITAL/VIDEO ENCODER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	FSADJUST	14	I	RGBOUT	27	I	TTXDAT	40	I/O	SDA
2	O	VBIAS	15	O	FIELD	28	I	P0	41	I	SCL
3	O	VREF	16	I	Y0	29	I	P1	42	I	MASTER
4	—	A.Vcc	17	I	Y1	30	I	P2	43	I	CLK
5	O	COMP	18	I	Y2	31	I	P3	44	—	Vcc
6	—	A.GND	19	I	Y3	32	I	P4	45	—	GND
7	—	A.GND	20	I	Y4	33	I	P5	46	—	D.Vcc
8	O	CVBS/B	21	I	Y5	34	I	P6	47	I	RESET
9	—	A.GND	22	—	GND	35	I	P7	48	I	BLANK
10	O	CVBS/G	23	—	D.Vcc	36	—	GND	49	I/O	VSYNC
11	—	A.GND	24	I	Y6	37	—	D.Vcc	50	I/O	HSYNC
12	O	C/R	25	I	Y7	38	O	TTXREQ	51	—	A.GND
13	O	Y/CVBS	26	I	ALTADDR	39	I	SLEEP	52	—	A.GND

INPUTS

ALTADDR : ALTERNATE CONTROLLED ADDRESS
BLANK : COMPOSITE BIANING CONTROL
CLK : CLOCK
FSADJUST : FULL-SCALE ADJUST CONTROL
MASTER : CONTROL/CONTROLLED MODE SELECT
P0 - P7 : YCrCb PIXEL
RESET : RESET CONTROL
RGBOUT : ANALOG RGB CONTROL
SCL : SERIAL INTERFACE CLOCK
SLEEP : POWER-DOWN CONTROL
TTXDAT : TELETEXT BIT STREAM
Y0 - Y7 : Y PIXEL

OUTPUTS

C/R : MODULATED CHROMINANCE, OR RED
COMP : COMPENSATION
CVBS/B : COMPOSITE VIDEO OR BLUE
CVBS/G : COMPOSITE VIDEO OR GREEN
FIELD : FIELD CONTROL
TTXREQ : TELETEXT REQUEST
VBIAS : DAC BIAS VOLTAGE
VREF : VOLTAGE REFERENCE
Y/CVBS : LUMINANCE OR COMPOSITE VIDEO

INPUTS/OUTPUTS

HSYNC : HORIZONTAL SYNC
SDA : SERIAL INTERFACE DATA
VSNC : VERTICAL SYNC

