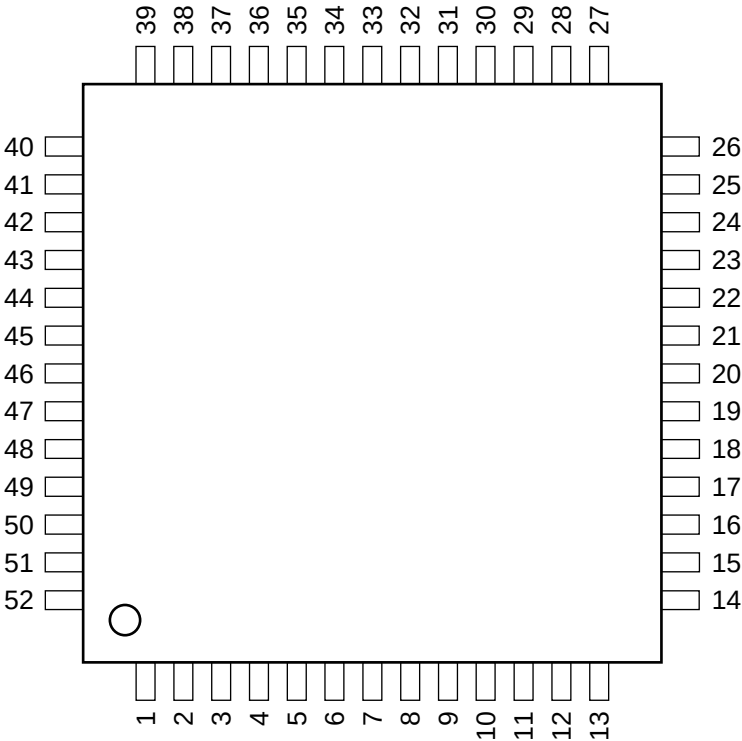


NTSC/PAL DIGITAL VIDEO ENCODER

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	FS ADJUST	14	I	ALTADDR	27	I	TEST	40	I	P0
2	I	COMP	15	I	Y7	28	I	TEST	41	O	VSYNCO
3	—	Vcc	16	I	Y6	29	I	SLAVE	42	O	HSYNCO
4	O	C	17	I	Y5	30	I	SLEEP	43	I	OSD3
5	—	Vcc	18	I	Y4	31	—	Vcc	44	I	OSD0
6	O	Y	19	—	Vcc	32	—	GND	45	I	OSD1
7	—	GND	20	—	GND	33	I	P7	46	I	OSD2
8	O	CVBS	21	I	Y3	34	I	P6	47	—	GND
9	O	VREF OUT	22	I	Y2	35	I	P5	48	—	Vcc
10	I	VBIAS	23	I	Y1	36	I	P4	49	I	CLK
11	I	RESET	24	I	Y0	37	I	P3	50	—	GND
12	I	SCL	25	I/O	VSYNC	38	I	P2	51	—	GND
13	I/O	SDA	26	I/O	HSYNC	39	I	P1	52	—	GND

INPUTS

ALTADDR : ALTERNATIVE SLAVE ADDRESS
CLK : PIXEL CLOCK
COMP : COMPENSATION
FSADJUST : FULL-SCALE ADJUST CONTROL
OSD0 - OSD3 : OVERLAY
P0 - P7 : YCrCb PIXEL
RESET : RESET CONTROL
SCL : SERIAL INTERFACE CLOCK
SLAVE : TIMING MODE
SLEEP : POWERDOWN CONTROL
TEST : TEST
VBIAS : DAC BIAS VOLTAGE
Y0 - Y7 : Y PIXEL

OUTPUTS

C : MODULATED CHROMA
CVBS : COMPOSITE VIDEO
HSYNCO : HORIZONTAL SYNC
VREF OUT : VOLTAGE REFERENCE
VSYNCO : FIELD SYNC
Y : LUMINANCE

INPUTS/OUTPUTS

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

