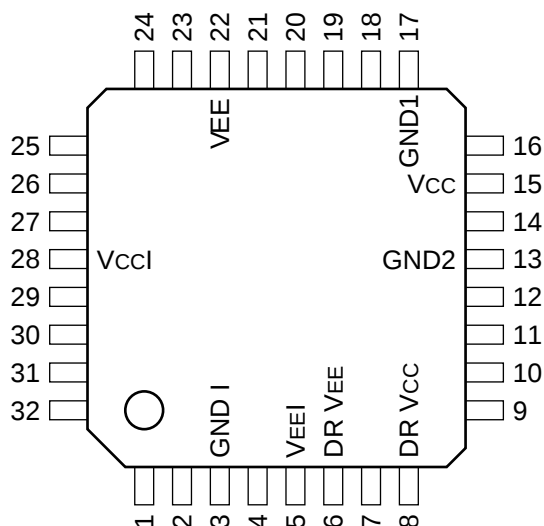


VIDEO AMPLIFIER FOR VIDEO CAMERA

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	OUT SW	17	—	GND1
2	I	W SHAD	18	I	SIG IN
3	—	GND I	19	I	GS2
4	I	FB REF	20	I	GS1
5	—	VEEI	21	I	CLP PLS1
6	—	DR VEE	22	—	VEE
7	O	SIG OUT	23	O	LPF C1
8	—	DR VCC	24	I	BLACK1
9	I	KNEE PT	25	O	CLP C2
10	I	KNEE SW	26	I	G CTRL
11	O	FLR DET	27	I	F COMP
12	I	BLKG	28	—	VCCI
13	—	GND2	29	O	LPF C2
14	I	ZERO	30	I	BLACK2
15	—	VCC	31	O	CLP C1
16	I	BLK SHAD	32	I	CLP PLS2

24	BLACK1	LPFC1	23
12	BLKG	FLT DET	11
26	G CTRL		29
14	ZERO	LPF C2	
2	W SHAD		
27	F COMP		
30	BLACK2	CLP C1	31
18	SIG IN		11
16	BLK SHAD	FLR DET	
19	GS2	CLP C2	25
20	GS1		
21	CLP PLS1		
32	CLP PLS2		
4	FB REF	SIG OUT	7
9	KNEE PT		
1	OUT SW		
10	KNEE SW		

INPUT

- BLACK1, 2 : FOR CLAMP DC COMPENSATION
 BLKG : BLANKING SIGNAL
 BLK SHAD : BLACK SHADING CORRECTION SIGNAL
 CLP PLS1, 2 : CLAMP PULSE
 F COMP : FLARE COMPENSATION SIGNAL
 FB REF : OUTPUT 2 INVERT AMPLIFY DC ADJUST
 G CTRL : WHITE BALANCE GAIN CONTROL
 GS1, 2 : GAIN SELECT
 KNEE PT : KNEE POINT
 KNEE SW : 1/4, 1/5 KNEE SELECT
 (4.5 V = 1/4 KNEE, 0 V = 1/5 KNEE)
 OUT SW : OUTPUT 3 AMPLIFY SELECT
 SIG IN : SIGNAL INPUT
 W SHAD : WHITE SHADING SIGNAL
 ZERO : VARIABLE GAIN AMPLIFY ZERO POINT ADJUST

OUTPUT

- CLP C1, C2 : FOR CLAMP CAPACITANCE
 FLR DET : FLARE DETECT
 LPF C1, C2 : CONNECT CAPACITANCE FOR LPF
 SIG OUT : SIGNAL OUTPUT

