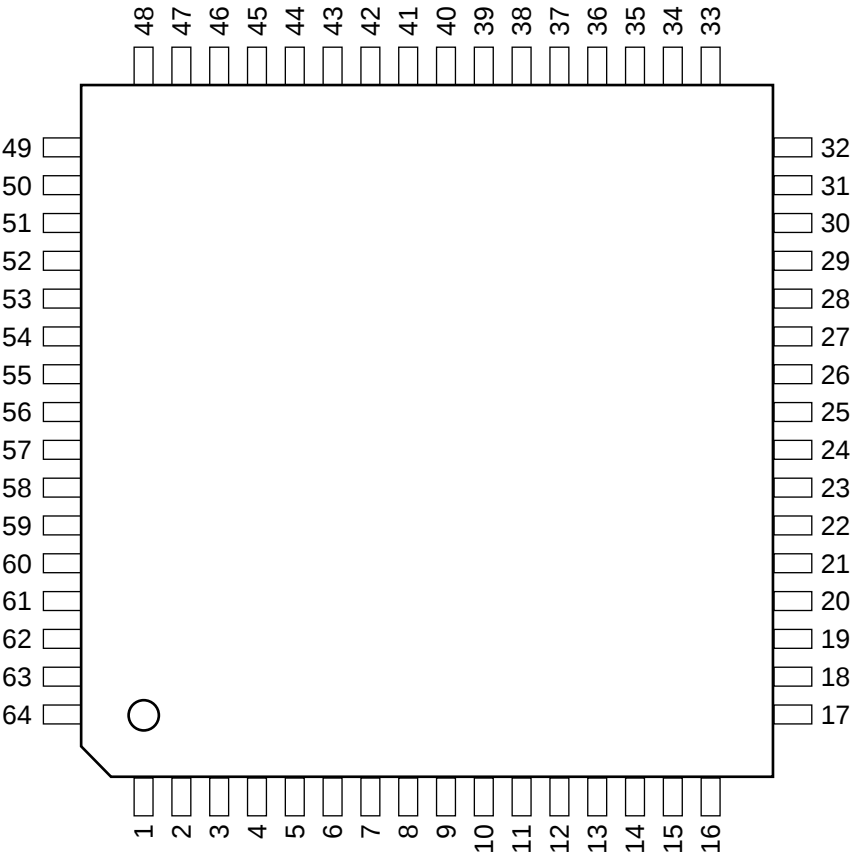


HEAD AMP FOR MULTI CCD DIGITAL CAMERA

—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	AGCMAX	17	—	GND	33	—	BTP2	49	I	CLPDM
2	I	AGCCONT	18	—	GND	34	—	GTP2	50	I	PLTG
3	I	CSHI	19	O	BCLP	35	—	RTP2	51	I	PLTP
4	—	NC	20	O	BOUT	36	—	BTP1	52	I	PLTCR1
5	I	WCCONT	21	O	GCLP	37	—	GTP1	53	I	PLTCR2
6	—	NC	22	O	GOUT	38	—	RTP1	54	I	PLTCB1
7	—	NC	23	O	RCLP	39	—	GND	55	I	PLTCB2
8	I	IOUTCONT	24	O	ROUT	40	I	BDIN	56	—	Vcc
9	—	GND	25	—	Vcc	41	I	BPIN	57	I	PLTT
10	—	GND	26	—	Vcc	42	I	GDIN	58	I	PLTB
11	I	VRBCONT	27	I	CLPCB	43	I	GPIN	59	—	GND
12	—	Vcc	28	I	CLPCG	44	I	RDIN	60	I	XRS
13	—	Vcc	29	I	CLPCR	45	I	RPIN	61	I	CLPBL
14	O	VRB	30	I	BGAIN	46	—	Vcc	62	I	PBLK
15	O	VRT	31	I	RGAIN	47	I	XSHD	63	I	CLPOB
16	I	OFFSET	32	—	GND	48	I	XSHP	64	—	Vcc

INPUTS

AGCCONT : AGC GAIN CONTROL
 AGCMAX : MAX AGC GAIN CONTROL
 BDIN : B CHANNEL CCD SIGNAL
 BGAIN : B GAIN CONTROL
 BPIN : B CHANNEL CCD SIGNAL
 CLPBL : CLAMP PULSE
 CLPCB : AGC CLAMP
 CLPCG : AGC CLAMP
 CLPCR : AGC CLAMP
 CLPDM : CLAMP PULSE
 CLPOB : CLAMP PULSE
 CSHI : A/D S/H SLEW RATE CONTROL
 GDIN : G CHANNEL CCD SIGNAL
 GPIN : G CHANNEL CCD SIGNAL
 IOUTCONT : INPUT CLAMP SIGNAL CONTROL
 OFFSET : CLAMP SIGNAL VOLTAGE CONTROL
 PBLK : PREBLANKING PULSE
 PLTB : AGC GAIN MATCHING PULSE
 PLTCB1 : AGC GAIN MATCHING CAPACITOR
 PLTCB2 : AGC GAIN MATCHING CAPACITOR
 PLTCR1 : AGC GAIN MATCHING CAPACITOR
 PLTCR2 : AGC GAIN MATCHING CAPACITOR
 PLTG : AGC GAIN MATCHING PULSE
 PLTP : AGC GAIN MATCHING PULSE
 PLTT : AGC GAIN MATCHING PULSE
 RDIN : R CHANNEL CCD SIGNAL
 RGAIN : R GAIN CONTROL
 RPIN : R CHANNEL CCD SIGNAL
 VRBCONT : VRB CONTROL
 WCCONT : WHITE CLIP VOLTAGE CONTROL
 XRS : S/H PULSE (A/D CONVERTER)
 XSHD : S/H PULSE
 XSHP : S/H PULSE

OUTPUTS

BCLP : B SIGNAL CLAMP
 BOUT : B SIGNAL
 GCLP : G SIGNAL CLAMP
 GOUT : G SIGNAL
 RCLP : R SIGNAL CLAMP
 ROUT : R SIGNAL
 VRB : A/D REFERENCE VOLTAGE
 VRT : A/D REFERENCE VOLTAGE

OTHERS

BTP1 : B CHANNEL CDS SIGNAL TEST POINT
 BTP2 : B CHANNEL AGC SIGNAL TEST POINT
 GTP1 : G CHANNEL CDS SIGNAL TEST POINT
 GTP2 : G CHANNEL AGC SIGNAL TEST POINT
 RTP1 : R CHANNEL CDS SIGNAL TEST POINT
 RTP2 : R CHANNEL AGC SIGNAL TEST POINT
 NC : NO CONNECTION

