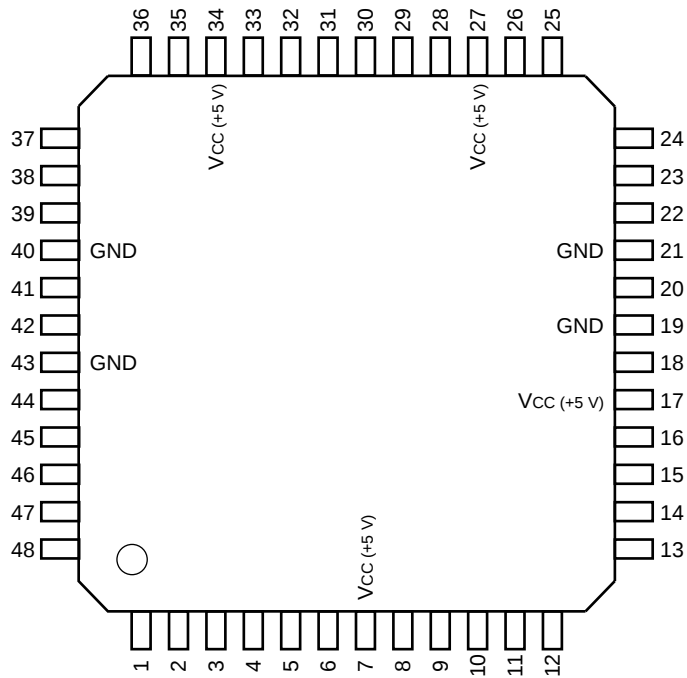

REC/PB AMPLIFIER FOR VCR

– TOP VIEW –



(Vcc = +5 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	RP PB EN	13	O	DOC PULSE	25	I	REC1 IN	37	O	MIX2
2	I	C IN	14	I	RF IN B	26	I	MT Fo	38	I	MT2
3	O	VREG	15	O	DOC TC	27	—	Vcc	39	I	RF SWP
4	I	AFM	16	O	RF	28	O	REC1 OUT	40	—	GND
5	O	VG	17	—	Vcc	29	I	PB IN 1P	41	I	PCM SEL
6	I	Y IN	18	I	DOC	30	I	PB IN 1N	42	I	ME LEVEL
7	—	Vcc	19	—	GND	31	I	PB IN 2N	43	—	GND
8	O	PCM RF	20	O	V RF	32	I	PB IN 2P	44	I	ATF LEVEL
9	I	AGC TC	21	—	GND	33	O	REC2 OUT	45	I	RP PB 1CH
10	O	AGC	22	I	MULTI	34	—	Vcc	46	I	ATF
11	I	HCHG	23	I	MT1	35	I	MT Q	47	I	RP PB 2CH
12	I	RF IN A	24	O	MIX1	36	I	REC2 IN	48	I	PCM

INPUT

AFM ; AFM SIGNAL
 AGC TC ; AGC TIME CONSTANT
 ATF ; ATF PILOT SIGNAL
 ATF LEVEL ; ATF SIGNAL REC LEVEL
 C IN ; CHROMA SIGNAL
 DOC ; DROPOUT DETECTION
 HCHG ; RF SWITCH CONTROL SIGNAL
 ME LEVEL ; LOW RANGE REC SIGNAL LEVEL
 MT1, MT2 ; BOOST LEVEL ADJUST
 MT Fo ; Fo ADJUST
 MT Q ; Q ADJUST
 MULTI ; H : MULTI-CHANNEL PCM REC MODE
 PB IN 1N ; CH1 HEAD AMP INVERTER PHASE
 PB IN 2N ; CH2 HEAD AMP INVERTER PHASE
 PB IN 1P ; CH1 HEAD AMP POSITIVE PHASE
 PB IN 2P ; CH2 HEAD AMP POSITIVE PHASE
 PCM ; PCM SIGNAL
 PCM SEL ; PCM AREA
 REC1 IN ; CH1 REC AMP
 REC2 IN ; CH2 REC AMP
 RF IN A ; } RF SWITCH/12dB AMP
 RF IN B ; }
 RF SWP ; RF SWITCHING PULSE
 RP PB 1CH ; CH1 REC/PB SWITCHOVER SIGNAL
 RP PB 2CH ; CH2 REC/PB SWITCHOVER SIGNAL
 RP PB EN ; L : POWER-SAVE RECORDING
 (H : OVER 3 V/L : UNDER 1 V)
 Y IN ; Y SIGNAL

OUTPUT

AGC ; PB VIDEO AGC
 DOC PULSE ; DROPOUT DETECTION SIGNAL
 DOC TC ; DROPOUT DETECTION TIME CONSTANT
 MIX1 ; CH1 MIX CIRCUIT
 MIX2 ; CH2 MIX CIRCUIT
 PCM RF ; PB PCM SIGNAL
 REC1 OUT ; CH1 REC AMP
 REC2 OUT ; CH2 REC AMP
 RF ; RF IN A/RF IN B SELECT
 VG ; VIRTUAL GND
 VREG ; VREG 4.2 V
 V RF ; PB VIDEO SIGNAL

2	C IN	MIX1	24
6	Y IN	MIX2	37
48	PCM		
4	AFM		
46	ATF		
44	ATF LEVEL		
29	PB IN 1P	PCM RF	8
32	PB IN 2P	V RF	20
30	PB IN 1N	AGC	10
31	PB IN 2N		
9	AGC TC		
25	REC1 IN	REC1 OUT	28
36	REC2 IN	REC2 OUT	33
11	HCHG	RF	16
12	RF IN A		
14	RF IN B		
18	DOC	DOC PULSE	13
		DOC TC	15
39	RF SWP	VREG	3
41	PCM SEL	VG	5
45	RP PB 1CH		
47	RP PB 2CH		
1	RP PB EN		
22	MULTI		
23	MT1		
38	MT2		
26	MT Fo		
35	MT Q		
42	ME LEVEL		

