

No.	NAME	I/O	Description	P-OFF	P-SAVE	P-FAIL	Reset												
1	CURRENT_LIMIT	O	Current limit terminal for Capstan driver.	Low	Low	Low	Low												
2	F ADJUST	O	Analogue voltage output for Head frequency response adjustment.	Low	Low	Low	Low												
3	SCAS_IN(L)	I	Detection Terminal for VHS tape or S-VHS tape.	In	In	In	In												
4	ADUB(H)	O	Switching terminal of BIAS OSC noise reduction filter in ADUB (1). The VCR mode is ADUB/ADUB-PS(Including Assemble/Synchro./AV Insert): High output (2). Other than above: Hi-Z output	Hi-Z	Hi-Z	Hi-Z	Hi-Z												
5	TRACKING_ENVE	I	Video envelope input terminal for auto tracking and CVC.	In	In	In	In												
6	SLP(H)	O	Tape speed output terminal.(EE/VV) *When the NTSC10/PAL9H is set up as the Servo data.: High (H) output. *Other than above speed : Low (L) output.	Low	Low	Low	Low												
7	LP(H)	O	Tape speed output terminal.(EE/VV) *When the NTSC4H/6H or PAL6H/9H is set up as the Servo data : High (H) Output. *Other than above speed : Low (L) output. *As for 2 head model, the output signal is fixed to low, no matter if it has LP mode or not.	Low	Low	Low	Low												
8	CPB	I	PB(H) input terminal from AV2. *From 3.85v to 5.0v : High *From 1.82v to 2.84v :Middle *From 0v to 0.81v :Low	In	In	In	In												
9	AFC S	I	S curve input terminal from the Tuner.	In	In	In	In												
10	A-MUTE(H)	O	Audio mute signal exclusive for the RF converter.	High	High	Low	High												
11	AV1_8IN	I	PB(H) input terminal from AV1. *From 3.85v to 5.0v : High *From 1.82v to 2.84v :Middle *From 0v to 0.81v :Low	In	In	In	In												
12	N/S/T2/T3	I	Normal/Service/Test2/Test3 select *Over than 4.0v :NORMAL mode *From 2.5v to 4.0v :SERVICE mode *From 1.0v to 2.5v :TEST2 mode *From 0v to 1.0v :TEST3 mode	In	In	In	In												
13	S-PHOTO	I	Tape end sensor input from supply side. *More than 2.6V: Black / Less than 2.4V : white)	In	In	In	In												
14	T-PHOTO	I	Tape beginning sensor input from take up side *More than 2.6V: Black / Less than 2.4V : white)	In	In	In	In												
15	ABS_NORM(H)	I	Input terminal for FM audio envelope level detection.	In	In	In	In												
16	S-VHS/MES/NOR	I	Input terminal for Playback detection result. (S-VHS/MESECAM/NORMAL)	In	In	In	In												
17	S-VHS(H)	O	Output terminal for S-VHS mode.	Low	Low	Low	Low												
18	SECAM_ID_IN(L)	I	Input terminal for SECAM detection result.	In	In	In	In												
19	D.FM.REC(H)	O	Control signal for timing of FM audio recording current.	Low	Low	Low	Low												
20	ART.V/H/N	O	Output terminal of the Artificial V synchronization signal.	Low	Low	Low	Low												
21	AV1_OUT_SW(L)	I	Input terminal of composite/component switching for AV1 output. *It is automatically switched composite/component when this result is sent to TV using P50.	In	In	In	In												
22	AV3_S_IN(L)	I	Input terminal of AV3_S-VHS input condition. *AV3_S-VHS IN : "Low" (L).	In	In	In	In												
23	ET_REC(H)	O	REC Mode output terminal of the S-VHS-ET.	Low	Low	Low	Low												
24	VIDEO.H.SW	O	Output terminal for video HEAD switching signal.	Low	Low	Low	Low												
25	A.H.SW	O	Output terminal for FM audio HEAD switching signal.	Low	Low	Low	Low												
26	A.DEF(H)	O	Output terminal for decoder IC Reset.	Low	Low	Low	Low												
27	TBC MODE0	O	TBC MODE0 output.	Low	Low	Low	Low												
28	AVPB-H(L)	O	Output terminal of PB (H/M) for AV2. (If the unit has only one scart terminal, this is for AV1.) *To be outputted signal from 21pin (8) has been changed to H/M/L signal in accordance with the following terminal's settings.	High	High	Low	High												
29	AVPB-M(H)	O	<table><tr><td>pin8 \ Setting</td><td>AVPBH-(L)</td><td>AVPBM-(H)</td></tr><tr><td>High</td><td>L</td><td>Hi-Z</td></tr><tr><td>Middle</td><td>H</td><td>Hi-Z</td></tr><tr><td>Low</td><td>H</td><td>L</td></tr></table>	pin8 \ Setting	AVPBH-(L)	AVPBM-(H)	High	L	Hi-Z	Middle	H	Hi-Z	Low	H	L	Low	Low	Low	Low
pin8 \ Setting	AVPBH-(L)	AVPBM-(H)																	
High	L	Hi-Z																	
Middle	H	Hi-Z																	
Low	H	L																	
30	GND(D)	I	GND	---	---	---	---												
31	20MHz.IN	I	Main oscillator input	---	STOP	STOP	---												
32	20MHz.OUT	O	Main oscillator output	---	STOP	STOP	---												
33	+5V(D)	I	VDD	---	---	---	---												
34	32KHz IN	I	Sub oscillator input	---	---	---	---												
35	32KHz OUT	O	Sub oscillator output	---	---	---	---												
36	VCONT	I	Open	---	---	---	---												