No	Terminal Name	I/O	Description	P.OFF	P.Failure	Reset/Release
1	CODE1	I	AD input terminal for model setting.	In	In	In
2	CODE2	I	AD input terminal for model setting.	In	In	In
3	T-PHOT	I	Input terminal of the Tape Beginning sensor detection. *More than 2.6V : Black tape part. *Less than 2.4V :Trans. Tape part.	In	In	In
4	P.ON(H)	O	ON/OFF control terminal for the VCR Power. Power_ON : "High"	Low	Low	Low
5	SAFETY_CYL	I	REG 12V short detection signal. It is a measure for cylinder driver over heat by short. Perform detection process at 3 seconds after that the P.ON (H) signal at Pin 4 of IC6001 has been shifted from Low to High. [Detection method] When the terminal voltage is less than 3.0V during 3 seconds continuously, the power is turned off compulsorily. * When a cassette is in, the power is turned off after a few second delay for the mechanism initial function. * Key/Remote controller input is inhibited while the compulsory power off process.	In	In	In
6	T.S.CUREVE	I	Input terminal for "S-Curve" of Tuner AFC at channel selecting.	In	In	In
7	S-PHOT	I	Input terminal of the Tape End sensor detection. *More than 2.6V : Black tape part. *Less than 2.4V :Trans. Tape part.	In	In	In
8	MO/ST/SAP	I	Input terminal for detection of the current receiving audio condition. Input Voltage(V) / Audio Mode 2.6 ~ 5.0 / ST/SAP 1.6 ~ 2.6 / STEREO 0.6 ~ 1.6 / MONO/SAP 0 ~ 0.6 / MONO	In	In	In
9	TRACKING_ENVE	I	Input terminal of the Video envelope signal.	In	In	In
10	SQPB/SE/VHS	I	VV: VHS fix. EE: VHS fix.	In	In	In
11	CURRENT.LIMIT	O	Control terminal for the Capstan current limit. (Output impedance: MIN:1K, TYP:2.5K, MAX:4.0K)	In DA=0V	Low	In DA=0V
12	VFD OFF(L)	O	In power save, output terminal for display ON/OFF control. Power off in POWER SAVE=ON (OPTION) : Low Other than above conditions : High	Low / High	Low	Low
13	ART.V/H/N	O	Output terminal for the Artificial V-sync. 1. In trick playback. Artificial V sync inserting timing : High Artificial H sync inserting timing : Hi-Z (M output) Except above conditions : Low 2. NAVI REC : Hi-Z 3. OSD REC : Hi-Z 4. Other than above conditions : Low	Low	Low	Low
14	REMOCON	I	Input terminal for the Remote Controller.	In	In	In
15	NC	O	Low fix.	Low	Low	Low
16	NC	O	Low fix.	Low	Low	Low
17	PAL_CONV (L)	O	Delay time control signal for 1H COMB filter when the NTSC signal is converted into the PAL signal. * EE : High * VV : 1. When the NTSC signal is converted into PAL-M / PAL-N (D6=0, D15=1) in normal playback mode : Low 2. When D6=1 (Except NTSC playback) in trick playback mode: Low 3. When the Playback mode except above conditions (Including the trick playback) : High	Low	Low	Low
18	VIDEO.H.SW	O	Video head switching signal *L'/R="High" *R'/L="Low"	Low	Low	Low
19	AUDIO.H.SW	O	Head switching signal for Audio circuit.	Low	Low	Low
20	D.A.REC(H)	O	Recording control signal for the Linear Audio.	Low	Low	Low
21	PICT1	O	Control terminal for the Picture mode.	Low	Low	Low
22	PICT2	O	Control terminal for the Picture mode.	Low	Low	Low
23	NC	O	Low fix.	Low	Low	Low
24	D.FM.REC	O	Control terminal for Hi-Fi audio REC. REC, INSET amd AV INSERT: High is output Other than above: Low is output * To High from Low: "D FM REC H" is shifted synchronizing with the edge "of H SW" just after that the "D REC HIGH" for IC3001 has been shifted to High from Low. (The delay is less than one edge) . * To Low from High: "D FM REC H" is shifted at 60msec.(SP) or 100msec. (LP/EP) before "D REC HIGH" for IC3001 shall shift to Low from High. (the tolerance is less than 20msec.)	Low	Low	Low