

No	Terminal Name	I/O	Description	P.OFF	P.Failure	Reset/ Release																																																																	
29	AVR (L)	I/O	Simplified AI playback ON/OFF control.	Low	Low	Low																																																																	
30	POS.SW4	I	Input terminal for mechanism position. <table><tr><td>SW4</td><td>SW3</td><td>SW2</td><td>SW1</td><td>Position Name</td></tr><tr><td>1</td><td>1</td><td>1</td><td>0</td><td>EJECT Position</td></tr><tr><td>0</td><td>0</td><td>1</td><td>0</td><td>DOWN Position</td></tr><tr><td>0</td><td>0</td><td>1</td><td>1</td><td>R-REW Position</td></tr><tr><td>0</td><td>1</td><td>0</td><td>0</td><td>LOAD Position</td></tr><tr><td>0</td><td>1</td><td>0</td><td>1</td><td>REV Position</td></tr><tr><td>0</td><td>1</td><td>1</td><td>0</td><td>PLAY Position</td></tr><tr><td>0</td><td>1</td><td>1</td><td>1</td><td>P_OFF Position</td></tr><tr><td>1</td><td>0</td><td>0</td><td>0</td><td>STOP_R Position</td></tr><tr><td>1</td><td>0</td><td>0</td><td>1</td><td>STOP_F Position</td></tr><tr><td>1</td><td>1</td><td>0</td><td>0</td><td>FF/REW Position</td></tr><tr><td>1</td><td>1</td><td>1</td><td>0</td><td>FF2 Position</td></tr><tr><td>1</td><td>1</td><td>1</td><td>1</td><td>Intermediate Positions between each Positions</td></tr></table>	SW4	SW3	SW2	SW1	Position Name	1	1	1	0	EJECT Position	0	0	1	0	DOWN Position	0	0	1	1	R-REW Position	0	1	0	0	LOAD Position	0	1	0	1	REV Position	0	1	1	0	PLAY Position	0	1	1	1	P_OFF Position	1	0	0	0	STOP_R Position	1	0	0	1	STOP_F Position	1	1	0	0	FF/REW Position	1	1	1	0	FF2 Position	1	1	1	1	Intermediate Positions between each Positions	In	In	In
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31	POS.SW3	I		In	In	In																																																																	
32	POS.SW2	I		In	In	In																																																																	
33	POS.SW1	I		In	In	In																																																																	
34	RESET	I	RESET Terminal.	In	In	In																																																																	
35	NC	I	Connected to the GND.	-	-	-																																																																	
36	NC	I	Popen.	-	-	-																																																																	
37	5V(D)	-	VCC (5V) for Digital port	-	-	-																																																																	
38	12MHz.IN	I	Main clock (12MHz) osc. input terminal.	In	In	In																																																																	
39	12MHz.OUT	O	Main clock (12MHz) osc. output terminal.	Out	Out	Out																																																																	
40	GND(OSC)	-	Digital GND for OSC circuit.	-	-	-																																																																	
41	PAL PB (L)	O	3.58NTSC: "High" is output Other than above: "Low" is output	Low	Low	Low																																																																	
42	FM_MUTE	O	Audio mute control terminal. High output (AUDIO MUTE). The voltage is shifted to Hi-Z for reucing the current at 3 second after the power has been turned on .	Hi-Z	In	In																																																																	
43	32M.START(H)	I	Clock souce selection terminal at reset starting. *12/16MHz(High speed) :Connected to VCC (5V). *32KHz(Slow speed) :Connected to Vss (0V).	In	In	In																																																																	
44	LC.OSC.IN	I	Input terminal of the LC Oscillation.	In	In	In																																																																	
45	LC.OSC.OUT	O	Output terminal of the LC Oscillation.	Out	Out	Out																																																																	
46	GND	-	Connected to the GND ( Test terminal "B" in the factory).	-	-	-																																																																	
47	FSC.LPF	I	OSC Filter connection terminal for Internal sync generator.	In	Low	In																																																																	
48	FSC.IN	I	Sub carrier (fsc) input terminal for sync generator.	In	Low	In																																																																	
49	GND(OSD)	-	GND terminal for OSD circuit.	-	-	-																																																																	
50	CVIN	I	Input terminal for composite video signal.	In	In	In																																																																	
51	KILLER	I	When a signal that V-sync is 50Hz being input or playing back. * PAL/MESECAM distinction result input terminal. Low is put into this terminal: PAL High is input to this terminal: Depending on SQPB/MESECAM/VHS input terminal. When a NTSC signal is input. * Input terminal for distinction result of agreement between Fsc of input signal and frequency of OSC for sub-carrier that being chosen by IC3001. Low is input: Agree High is input: Different	In	In	In																																																																	
52	CVOUT	O	Output terminal for the composite video signal.	Out	Out	Out																																																																	
53	5V(OSD)	-	Power supply terminal for OSD	-	-	-																																																																	
54	HLF	I	LPF connection terminal for slicer./Timing generation terminal by H-sync in SUPERIMPOSE.	In	In	In																																																																	
55	SECAM MIX	I	SECAM CHROMA signal input terminal for SECAM SIGNAL SUPERIMPOSE.	Low	Low	Low																																																																	
56	CVIN(EDS)	I	Composite video signal input terminal for the slicer.	In	In	In																																																																	
57	GND	-	Connect to the GND (Test terminal "A" in the factory).	-	-	-																																																																	
58	LED Rch OUT	O	LED ON/OFF control terminal. "High": ON "Low": OFF	Normal Operation	Low	Low																																																																	
59	LED PLAY OUT	O	LED ON/OFF control terminal. "High": ON "Low": OFF	Normal Operation	Low	Low																																																																	
60	NC	O	Low fix.	Low	Low	Low																																																																	
61	PAL 9H	O	PAL 9H: High is output.	Low	Low	Low																																																																	
62	NC	O	Low fix.	Low	Low	Low																																																																	
63	LED_Lch_OUT	O	LED ON/OFF control terminal. "High": ON "Low": OFF	Normal Operation	Low	Low																																																																	
64	NC	O	Low fix.	Low	Low	Low																																																																	
65	LED_P_ON	O	LED ON/OFF control terminal. "High": ON "Low": OFF	Normal Operation	Low	Low																																																																	
66	UNLOADING(H)	O	Control terminal for the Unloading operation.	Low	Low	Low																																																																	
67	LOADING(H)	O	Control terminal for the loading operation.	Low	Low	Low																																																																	
68	IC.DATA.OUT	O	Timer-Bus signal for peripheral ICs control: Data output	(Normal ope.)	In	Hi-Z																																																																	
69	IC.DATA.IN	I	Timer-Bus signal for peripheral ICs control: Data input	(Normal ope.)	In	In																																																																	
70	IC.DATA.CLK	O	Timer-Bus signal for peripheral ICs control:Clock outout	(Normal ope.)	In	Hi-Z																																																																	
71	IIC.CLK	O	Serial communication terminal (IIC) for IC3001/FM audio IC.	(Normal ope.)	In	Hi-Z																																																																	
72	IIC.DATA	I/O	Serial communication terminal (IIC) for IC3001/FM audio IC.	(Normal ope.)	In	Hi-Z																																																																	