

No	Terminal Name	I/O	Description	P.OFF	P.Failure	Reset/ Release										
75	TAPE REFRESH (H)	O	Terminal for the signal that changes FE oscillation frequency (130KHz/70KHz) for TAPE REFRESH.	Low	Low	Low										
76	CAP.ET	O	Power supply terminal for the capstan motor control. (Compared with the driver reference voltage, when it is "low", current will be cut. Also when it is "high", the rotation speed will be accelerated.)	High PWM=0V	Low	High PWM=0V										
77	CYL.ET	O	Power supply terminal of the cylinder motor control: (Compared with the driver reference voltage, when it is "high", current will be cut. Also when it is "low", the rotation speed will be accelerated. (Max:2.8V))	Low PWM=2.800 V	Low	Low PWM=2.800 V										
78	P.FAIL(L)	I	Input terminal for the power failer detection. Power failer : "Low".	In	In	In										
79	S.REEL.PULSE	I	Input terminal of the S.Reel pulse.	In	In	In										
80	T.REEL.PULSE	I	Input terminal of the T.Reel pulse.	In	In	In										
81	BIAS(L)	O	Linear Audio REC/ERASE ON/OFF control terminal. (FULL ERASE ON/OFF control is combined with) *When recording the linear audio, the "Low" is output synchronizing with D.REC signal for IC3001. Output mode: REC(ADUB/AV-INSERT) *When the recording starts, "Low" is output at 140-160m sec. after D.REC (H) for IC3001has been shifted to "High" from "Low". *When the recording stops, the "High" is output at 0-20m sec. after D.REC for IC3001has being shifted to "low" from "High".	In	In	In										
82	EX.FF/REW (L)	O	Control signal filter select terminal in FF/REW mode. *During FF/REW: Hi-Z *Except FF/REW: Low <div><div>VR MODE</div><div>POSITION</div><div>PNO</div></div> <div><div>STOP</div><div>FF/REW</div><div>STOP</div><div>PLAY</div></div> <div><div>00</div><div>21</div><div>00</div><div>26</div><div>27</div><div>28</div><div>00</div></div> <div>EX.FF/REW(L)Hi-Z</div> <div>Low</div> <div>Hi-Z</div> <div>VTR MODE</div> <div>*Refer to FF/REW (Hi-z) output timing of the Z-mechanism regarding to control spec. of this terminal. *When the unit becomes into FF/REW mode , the input is set. *In STOP mode, the setting is released after shift to STOP3 for control of STOP. However, if the CTL amp gain is 5 (=60dB) or 7 (=70dB) when starting of FF/REW, Low is output compulsorily automatically.</div> <td>Low</td> <td>Low</td> <td>Low</td>	Low	Low	Low										
83	NC	O	Low fix.	Low	Low	Low										
84	NC	O	Hi-Z fix. (with pull down resistor)	In	In	In										
85	GND	I	Low fix.	In	In	In										
86	FG.AMP.OUT	O	Output terminal for the Capstan FG AMP signal.	Out	Out	Out										
87	FG.AMP.IN	I	Input terminal for the Capstan FG AMP signal.	In	In	In										
88	GND(A)	-	GND for Analogue circuit.	-	-	-										
89	NC	I	Connected to GND.	In	In	In										
90	CYL.PFG	I	Input terminal for the Cylinder PG/FG.	In	In	In										
91	OREF	O	1/2 VDD reference voltage output terminal for the Analogue AMP.	Out	Out	Out										
92	IREF	I	1/2 VDD reference voltage input terminal for the Analogue AMP.	In	In	In										
93	GND	I	GND	In	In	In										
94	CTL.HEAD(-)	I/O	I/O terminal for the Control head (-)	In/Out	In/Out	In/Out										
95	CTL.HEAD(+)	I/O	I/O terminal for the Control head (+)	In/Out	In/Out	In/Out										
96	CTL.AMP.REF	I	Capacitor connection terminal for reference of the control AMP.	In	In	In										
97	PB.CTL.OUT	O	Output terminal for the Control AMP.	Out	Out	Out										
98	5V(A)	-	Power supply terminal for Analogue AMP.	-	-	-										
99	5V(AD)	-	Reference power supply terminal for the AD/8bit DA	-	-	-										
100	NORM/SERV/T2/TES	O	Factory mode/ Service mode setting terminal. <table><tr><td>Input Voltage</td><td>Mode</td></tr><tr><td>Over 4.0V</td><td>Normal</td></tr><tr><td>Over 2.0V and less than 4.0V</td><td>Service</td></tr><tr><td>Over 1.0V and less than 2.5V</td><td>Test 2</td></tr><tr><td>Less than 1.0V</td><td>Test 1</td></tr></table>	Input Voltage	Mode	Over 4.0V	Normal	Over 2.0V and less than 4.0V	Service	Over 1.0V and less than 2.5V	Test 2	Less than 1.0V	Test 1	In	In	In
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