

| No. | Port Name | I/O | Description | P-OFF | P-Save | P-FAIL | Reset |
|-----|---------------|-----|--|-------|--------|--------|-------|
| 1 | CURRENT_LIMIT | O | Capstan motor current limit terminal. | Low | Low | Low | Low |
| 2 | F ADJUST | O | Analogue voltage output for HEAD frequency response adjustment | Low | Low | Low | Low |
| 3 | N.C. | -- | Low fix (No Connection.) | Low | Low | Low | Low |
| 4 | C EMPHA(H) | O | Terminal of the Current emphasis video/FM audio recording current. [HIFI/2HEAD]:Fix to Low (Normal mode) [4HEAD] :Fix to Low (factory mode) Fix to High (Insert/AV Insert mode) Others (Depend on tape speed) | Low | Low | Low | Low |
| 5 | TRACKING_ENVE | O | Playback envelope input for auto tracking adjustment and cvc. | In | In | In | In |
| 6 | SLP(H) | O | Tape running speed output terminal.(Output signal depends on tape speed) [High].....During NTSC_10H or PAL_9H mode [Low].....Except NTSC_10H or PAL_9H mode | Low | Low | Low | Low |
| 7 | LP(H) | O | Tape running speed output terminal.(Output signal depends on tape speed) [High].....During NTSC_4H/6H or PAL_6H/9H mode [Low].....Except NTSC_4H/6H or PAL_6H/9H mode 2HEAD model: Low Fix | Low | Low | Low | Low |
| 8 | CPB | I | Input terminal for "PB (H)" from AV2. [High].....3.85V - 5.0V [Midd].....1.82V - 2.84V [Low]...... 0V - 0.81V | In | In | In | In |
| 9 | AFC S | I | "S-curve" Input terminal from tuner. | In | In | In | In |
| 10 | A-MUTE(H) | O | Audio mute output terminal for RF Converter. | High | High | Low | High |
| 11 | AV1_8IN | I | Input terminal for "PB (H)" from AV1. [High].....3.85V - 5.0V [Midd].....1.82V - 2.84V [Low]...... 0V - 0.81V | In | In | In | In |
| 12 | N/S/T2/T3 | I | Mode select terminal [NORMAL mode]: More than 4.0V [SERVICE mode]: 2.5V - 4.0V [TEST_2 mode]: 1.0V - 2.5V [TEST_3 mode]: 0V - 1.0V | In | In | In | In |
| 13 | S-PHOTO | I | Tape end sensor input terminal.(Photo sensor input from supply side) [Black Tape]: more than 2.6V [Lead Tape]: Less than 2.4V | In | In | In | In |
| 14 | T-PHOTO | I | Tape beginning sensor input terminal.(Photo sensor input from take-up side) [Black Tape]: more than 2.6V [Lead Tape]: Less than 2.4V | In | In | In | In |
| 15 | ABS_NORM(H) | I | (Input terminal for FM audio enverope output level detection) | In | In | In | In |
| 16 | N.C | -- | Low fix (No Connection.) | Low | Low | Low | Low |
| 17 | PLAY_REC(L) | O | Output terminal for switching the capstan voltage. [Other than PLAY/REC mode].....Always "High". [JOG/Shuttle mode in PLAY mode].....Always "High". After 5 seconds from PLAY/REC mode completion, it changes to "Low". During "Low" outputs, it checks every main capstan FG, when the no FG is inputted in a rotation, it changes to "High" and it keeps "high" by cassette ejection. | Low | Low | Low | Low |
| 18 | VSYNC(L) | O | Output terminal for V_sync detection result. [Vsync exist] : "Low" [Vsync not exist: "High" | Low | Low | Low | Low |
| 19 | D.FM.REC(H) | O | Timing output terminal for FM_Audio recording current. | Low | Low | Low | Low |
| 20 | ART.V/H/N | O | Output terminal for Artificial V synchronization signal. | Low | Low | Low | Low |