SW-9501-S Block Diagram

Clock Line

TILT SW → TLT_ULMT,TLT_LLMT → to IC501(ADSC)
TILT Sensor ↔ TPDA,TPDB / TPDCOM / TLEDK ↔ TILT
TILT → TLT-A,TLT_B,TLT_SW → to IC501(ADSC)
TILT ← TLT-LED,TLT_OUT,TLT_DRVEN,TLT_UDE ← from IC501(ADSC)

PPN13KB00C8 NAMA — TILT Motor ← TLM+,TLM-
IC132 5V — TILTDRV BA6195FP 27pin ROHM

OPC ROPC

Pick Up
LDU(DVD) — LDD AN8728AP 32pin MEC
400MHz typ.
Thermistor
HA AN8686 48pin MEC

IC601 5V/3.3V — LPC AN8726HQ 100pin MEC

IC1 3.3V — CPU2 HD64F2633 128pin HITACHI
IC2 3.3V — E2PROM (2kbit) AK6420 8pin AKM
16.0MHz

IC801 3.3V — CPU1 MN102H43B 128pin MEC

IC901 5V/3.3V — ODC LC897320 216pin SANYO

IC401 5V/3.3V — FEP AN8715HQ 100pin MEC

LPP WBL

IC301 3.3V — DRC MN67792 80pin MEC

IC501 3.3V — ADSC MN67EV704 144pin MEC

IC903,905 5V — DRAM (32Mbit) T2316162A45S 50pin TMTECK

IC804 3.3V — Flash ROM(4Mbit) MBM29LV400BC 48pin FUJITSU

IC802 3.3V — E2PROM(4kbit) AK6440 8pin AKM

IC552 12V/5V — SPMDRV AN8471SA 32pin MEC
IC553 5V — LMDRV LB1638M 10pin SANYO
IC551 12V/3.3V — HBRDRV uPD16857 38pin NEC

BSL5F01KA NAMA — Spindle Motor
MDN3BTCRA NAMA — Loading Motor
LPF10RE04580 NIDEC COPAL — Traverse Motor, Actuator

ENCODER — PDB0 / LEDK80
TPS — TPSPD / LEDTPS

Loading End SW
Eject End SW
Eject SW
(2) Option JP
(3) SCSI ID
LED
LED

IC102 3.3V — Reset PST597I 5pin MITSUMI — XRST33
IC101 5V — DC-DC Conv. M62270GP 5pin MITSUBISHI — Power (+3.3V)
Power (+12V)
Power (+5V)