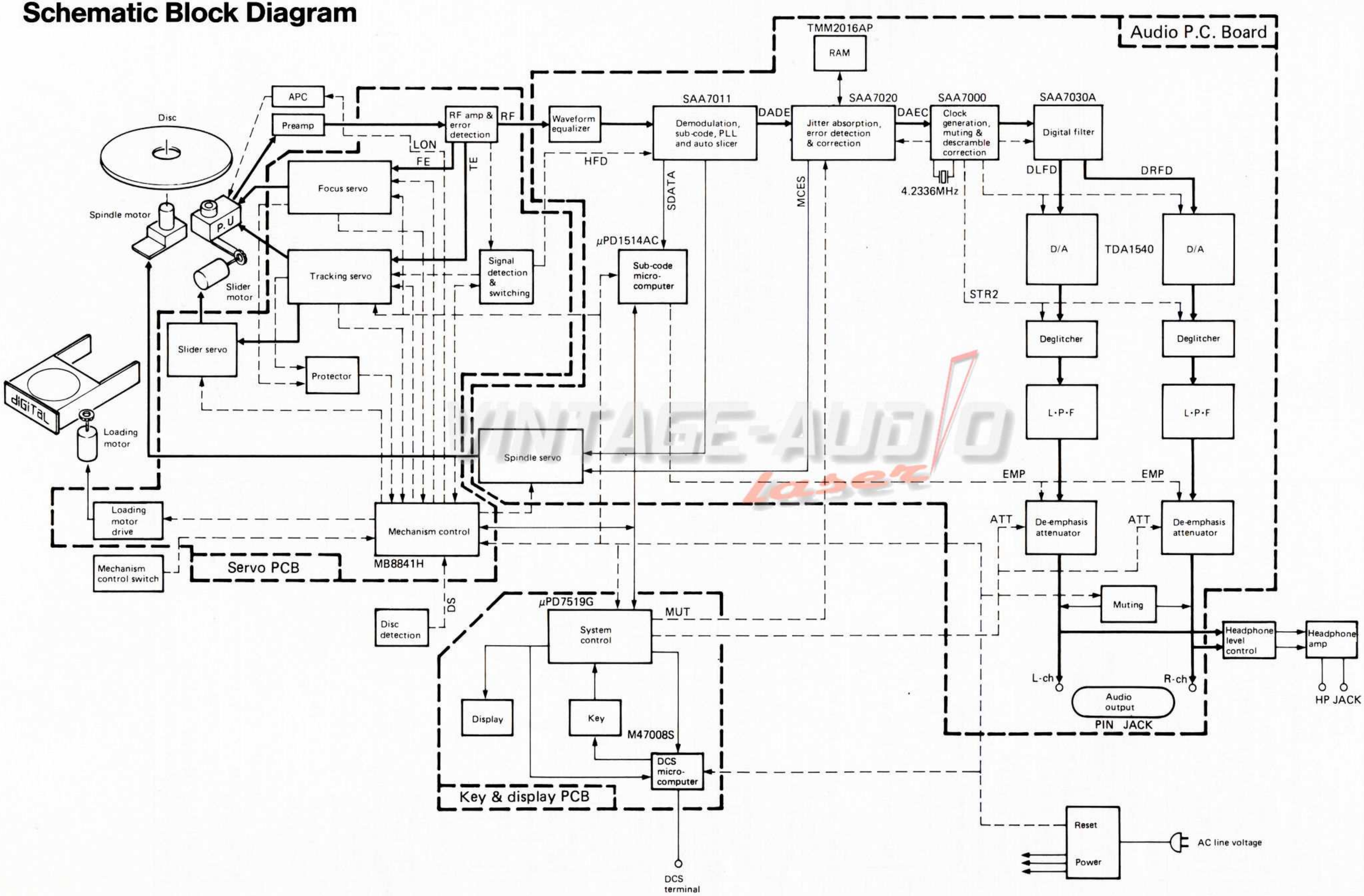
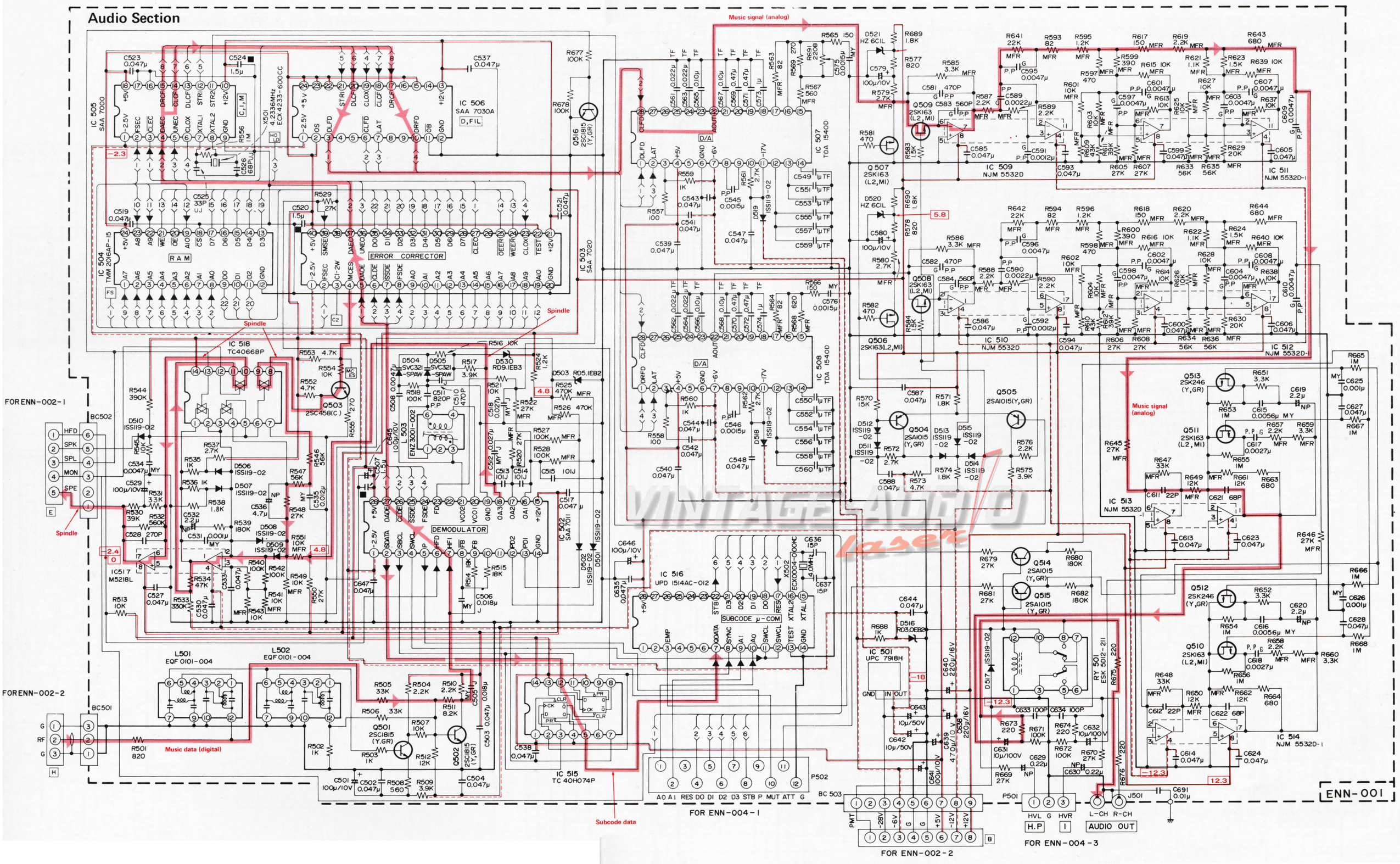
Schematic Block Diagram



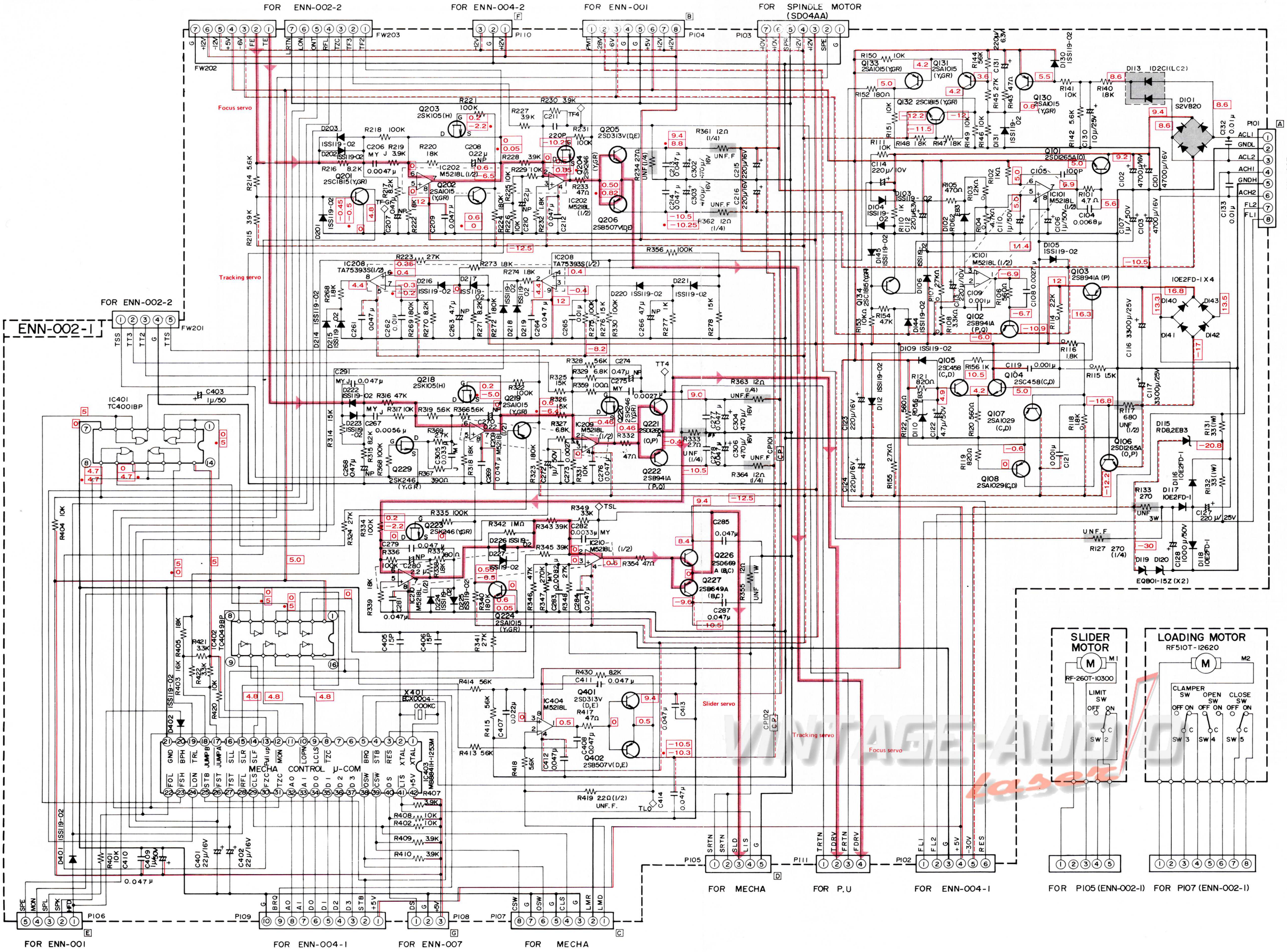
XL-V2B Schematic Diagram

Audio Section



VINTAGE AUDIO laser

Servo & Power Supply Sections



Key/Display, Preamp., APC & Error Detection Sections

E302885-001
OPTICAL PICKUP ASSY
LD
MD
P.U. Coil
Tracking
Focus
for ENN-002-1 P111

ENN-005
Preamp. section
RF signal
PA1
PA2
PA3
PA4
BC801
P802
LDK
LBG
MDA
IC801
IC802
IC803
Q801 2SA1015 (Y,GR)
Q802 2SA965(Y)
D802 ISS133T-77
D803 RD3.3EB2
D804 ISS133T-77
P801
TAG TAI
LRTN
LON
P.U.RANK | R 815
B | OPEN
C | 4.7 K

ENN-002-2
Focus error signal
TFE
TTE
P202
Tracking error signal
TSS
TT3
TT2
GND Test Point
TTS
TAL
TF2
TF3
FW201 for ENN-002-1
FW203 for ENN-002-1
FW202 for ENN-002-1
RF signal
IC201
IC202
IC203 HAI7733
IC204
IC205
IC206
IC207 ½TA75393S
Q207 2SC1815 (Y,GR)
Q208 2SK105H
Q209 2SK105H
Q210
Q211
Q212
Q213
Q214
Q215
Q216
Q217 2SC1815(Y,GR)
D208, D209 1S188FM
D210~D213 1SS119-02
P201
TRF
for ENN-001 BC501

ENN-004-1
IC702 M47008S DCS-µCOM
Q710 2SD636 (Q,R)
Q707
Q708
Q709
Q707~Q709 2SD636(Q,R)
D706~D723 ISS133T-77
SW701 CURSOR UP
SW702 CURSOR DOWN
SW703 CALL
SW704 TIME
SW705 CANCEL
SW706 RESERVE
SW707 REPEAT
SW708 MEMO A/B
SW709 SKIP
SW710 SKIP
SW711 PLAY
SW712 PAUSE
SW713 PAUSE
SW714 STOP
SW715 OPEN/CLOSE
SW716 SW717 SW718 SW719
SW701~711, 713~719 ESP0001-008
D701 RD9.1EB3
PLAY IN
STOP IN
PAUSE IN
PAUSE OUT
PLAY OUT
STS OUT
RESET
SCAN OUT-5
SCAN OUT-4
SCAN OUT-3
SCAN OUT-1
SCAN OUT-0
SCAN OUT-2
SCAN IN-0
DCS JACK
QMS 3533-001
P112
for ENN-002-1 P102
FLI FL2 G +5 -30 RES
BC704
D731 SE302A
R756 180
+5V
GND
PLED
POWER LED
D730 SLR-55DC20F
for ENN-002-1 P701
A0 A1 RES D0 D1 D2 D3 STB P MUT ATT GND
BC705
BRQ A0 A1 D0 D1 D2 D3 STB
LED TL0143 D703
PLAY
LD-101VR REPEAT
LD-001DVW MEMO A/B +5V
LED TLR143 PAUSE
Q702~Q706 2SA937F(Q,R)
D704 D705 D702
IC701 µPD7519G -556-12
SYSTEM CONTROL µ-COM
XT 701 4.19MHz
ECX-4194-304CC
F L
ELU0001-018
R757 10K
for ENN-002

ENN-004-3
FW701
TIMER PLAY
SW712
QSP2256-001 HVR
H.P VR
HVL
J702
for ENN-001 P501
Audio signal (L-ch)

ENN-004-2
FW702
J701 QMS6302-123
H.P JACK
IC703 M52181
for ENN-002-1 P110

ENN-007
Q770 PHI01(R)
Q771 2SD636(Q,R)
J770
DS
for ENN-002-1 G P108 +5
Disc sensor

IC701 µPD7519G -556-12
SCAN IN
PLAY
STROBE
BUS REQUEST
SUBCODE P
TEST IN
TIMER
REPEAT A
PAUSE
V LOAD
A PIN LAYOUT
TOP VIEW

■ ML CAPA.
○ MFR

VINTAGE-AUDIO laser