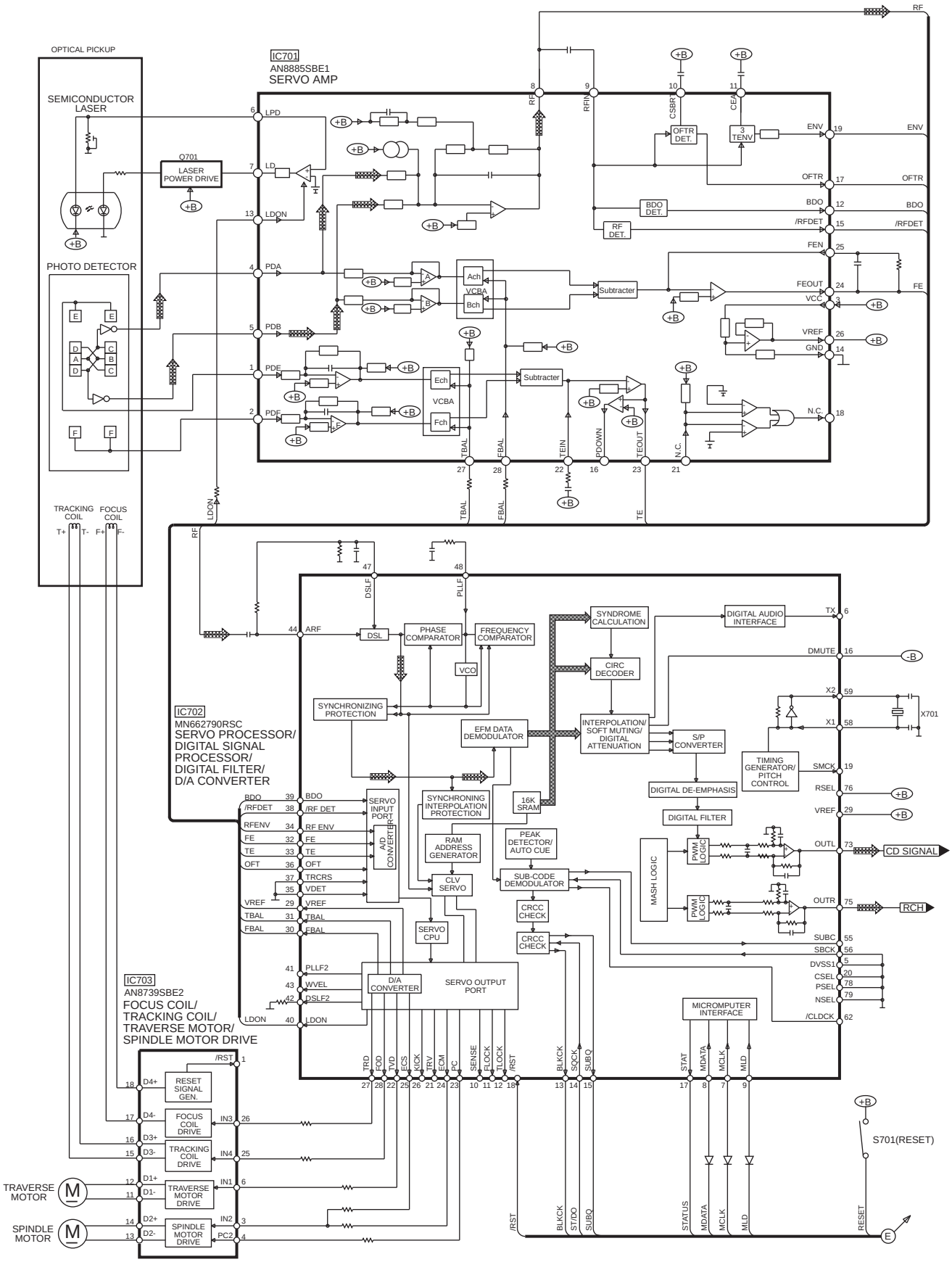
OPTICAL PICKUP
SEMICONDUCTOR LASER
PHOTO DETECTOR
TRACKING COIL
FOCUS COIL
T+
T-
F+
F-
IC701
AN8885SBE1
SERVO AMP
Q701
LASER POWER DRIVE
LPD
LD
LDON
PDA
PDB
PDE
PDF
RF
RFIN
CSBR
CEBR
OFTR DET.
3 TENV
BDO DET.
RF DET.
ENV
OFTR
BDO
/RFDET
FEN
FEOUT
VCC
VREF
GND
N.C.
Ach
Bch
Ech
Fch
VCBA
Subtracter
TBAL
FBAL
TEIN
PDOWN
TEOUT
TE
FE
IC702
MN662790RSC
SERVO PROCESSOR/
DIGITAL SIGNAL
PROCESSOR/
DIGITAL FILTER/
D/A CONVERTER
DSLF
PLLF
ARF
DSL
PHASE COMPARATOR
FREQUENCY COMPARATOR
VCO
SYNCHRONIZING PROTECTION
SYNDROME CALCULATION
CIRC DECODER
INTERPOLATION/ SOFT MUTING/ DIGITAL ATTENUATION
EFM DATA DEMODULATOR
S/P CONVERTER
DIGITAL AUDIO INTERFACE
TX
DMUTE
X2
X1
X701
TIMING GENERATOR/ PITCH CONTROL
SMCK
RSEL
VREF
OUTL
OUTR
CD SIGNAL
RCH
DIGITAL DE-EMPHASIS
DIGITAL FILTER
PWM LOGIC
MASH LOGIC
SERVO INPUT PORT
A/D CONVERTER
SYNCHRONING INTERPOLATION PROTECTION
16K SRAM
RAM ADDRESS GENERATOR
PEAK DETECTOR/ AUTO CUE
CLV SERVO
SUB-CODE DEMODULATOR
CRCC CHECK
SERVO CPU
SUBC
SBCK
DVSS1
CSEL
PSEL
NSEL
/CLDCK
MICROMPUTER INTERFACE
BDO
/RFDET
RFENV
FE
TE
OFT
TRCRS
VDET
VREF
TBAL
FBAL
LDON
PLLF2
WVEL
DSLF2
D/A CONVERTER
SERVO OUTPUT PORT
TRD
FOD
TVD
ECS
KICK
TRV
ECM
PC
SENSE
FLOCK
TLOCK
/RST
BLKCK
SQCK
SUBQ
STAT
MDATA
MCLK
MLD
IC703
AN8739SBE2
FOCUS COIL/
TRACKING COIL/
TRAVERSE MOTOR/
SPINDLE MOTOR DRIVE
RESET SIGNAL GEN.
FOCUS COIL DRIVE
TRACKING COIL DRIVE
TRAVERSE MOTOR DRIVE
SPINDLE MOTOR DRIVE
IN1
IN2
IN3
IN4
PC2
TRAVERSE MOTOR
SPINDLE MOTOR
S701(RESET)
RESET
STATUS
ST/DO
+B
-B