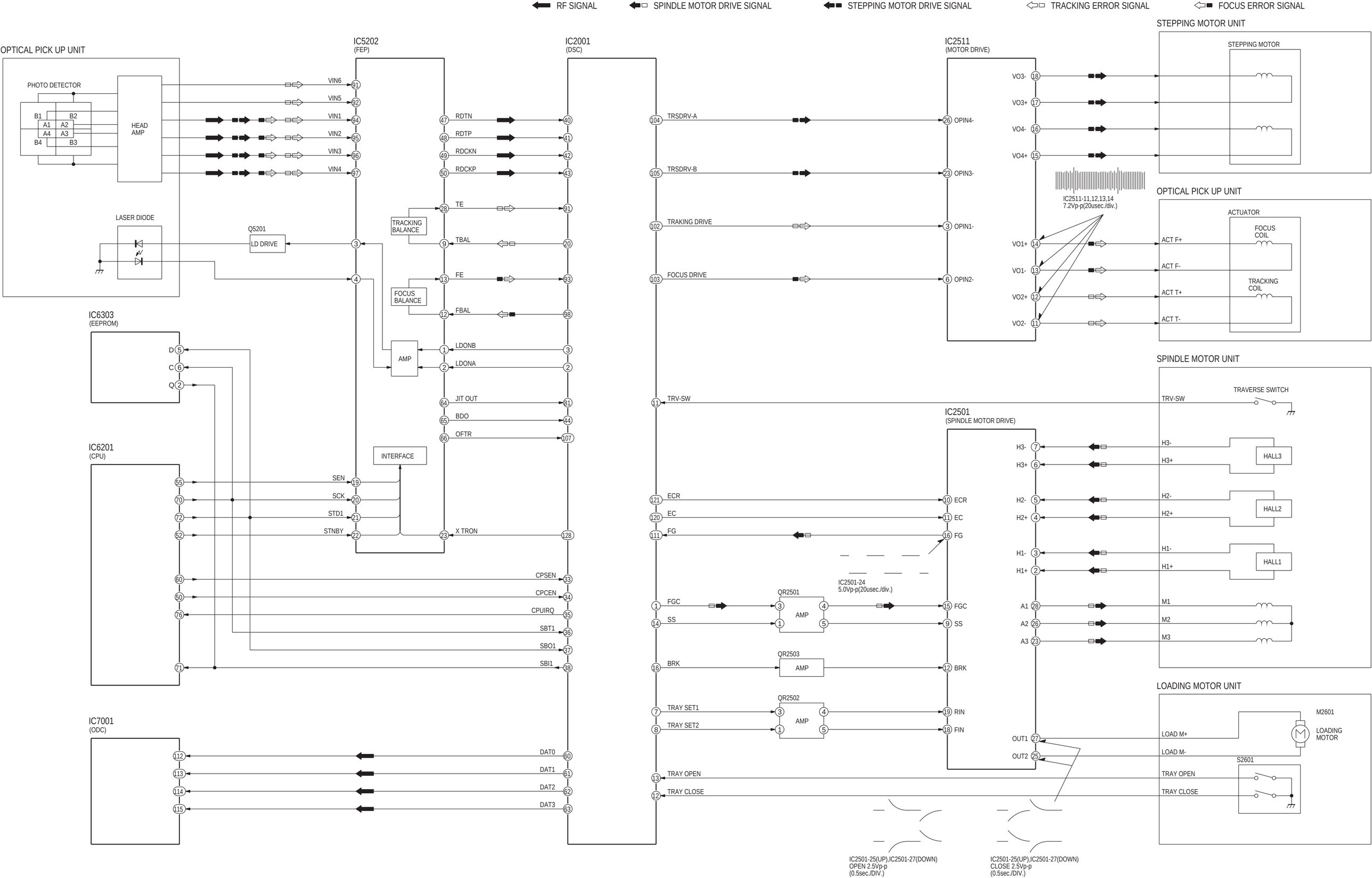
RF SIGNAL
SPINDLE MOTOR DRIVE SIGNAL
STEPPING MOTOR DRIVE SIGNAL
TRACKING ERROR SIGNAL
FOCUS ERROR SIGNAL
OPTICAL PICK UP UNIT
PHOTO DETECTOR
B1 B2 A1 A2 A4 A3 B4 B3
HEAD AMP
LASER DIODE
Q5201
LD DRIVE
IC5202
(FEP)
VIN6 91
VIN5 92
VIN1 94
VIN2 95
VIN3 96
VIN4 97
RDTN 47
RDTP 48
RDCKN 49
RDCKP 50
TE 28
TRACKING BALANCE
TBAL 9
FE 13
FOCUS BALANCE
FBAL 12
AMP
LDONB 1
LDONA 2
JIT OUT 64
BDO 65
OFTR 66
INTERFACE
SEN 19
SCK 20
STD1 21
STNBY 22
X TRON 23
IC2001
(DSC)
40 41 42 43 91 20 93 98 3 2 81 44 107 128
CPSEN 33
CPCEN 34
CPUIRQ 35
SBT1 36
SBO1 37
SBI1 38
DAT0 60
DAT1 61
DAT2 62
DAT3 63
IC6303
(EEPROM)
D 5
C 6
Q 2
IC6201
(CPU)
55 70 72 52 60 50 76 71
IC7001
(ODC)
112 113 114 115
TRSDRV-A 104
TRSDRV-B 105
TRAKING DRIVE 102
FOCUS DRIVE 103
TRV-SW 11
ECR 121
EC 120
FG 111
FGC 1
SS 14
BRK 16
TRAY SET1 7
TRAY SET2 8
TRAY OPEN 13
TRAY CLOSE 12
QR2501
QR2503
QR2502
IC2511
(MOTOR DRIVE)
VO3- 18
VO3+ 17
VO4- 16
VO4+ 15
OPIN4- 26
OPIN3- 23
OPIN1- 3
OPIN2- 6
VO1+ 14
VO1- 13
VO2+ 12
VO2- 11
IC2511-11,12,13,14
7.2Vp-p(20usec./div.)
STEPPING MOTOR UNIT
STEPPING MOTOR
ACTUATOR
FOCUS COIL
TRACKING COIL
ACT F+
ACT F-
ACT T+
ACT T-
IC2501
(SPINDLE MOTOR DRIVE)
ECR 10
EC 11
FG 16
IC2501-24
5.0Vp-p(20usec./div.)
FGC 15
SS 9
BRK 12
RIN 19
FIN 18
OUT1 27
OUT2 25
H3- 7
H3+ 6
H2- 5
H2+ 4
H1- 3
H1+ 2
A1 28
A2 26
A3 23
SPINDLE MOTOR UNIT
TRAVERSE SWITCH
TRV-SW
HALL3
HALL2
HALL1
M1
M2
M3
LOADING MOTOR UNIT
M2601
LOADING MOTOR
LOAD M+
LOAD M-
S2601
TRAY OPEN
TRAY CLOSE
IC2501-25(UP),IC2501-27(DOWN)
OPEN 2.5Vp-p
(0.5sec./DIV.)
IC2501-25(UP),IC2501-27(DOWN)
CLOSE 2.5Vp-p
(0.5sec./DIV.)