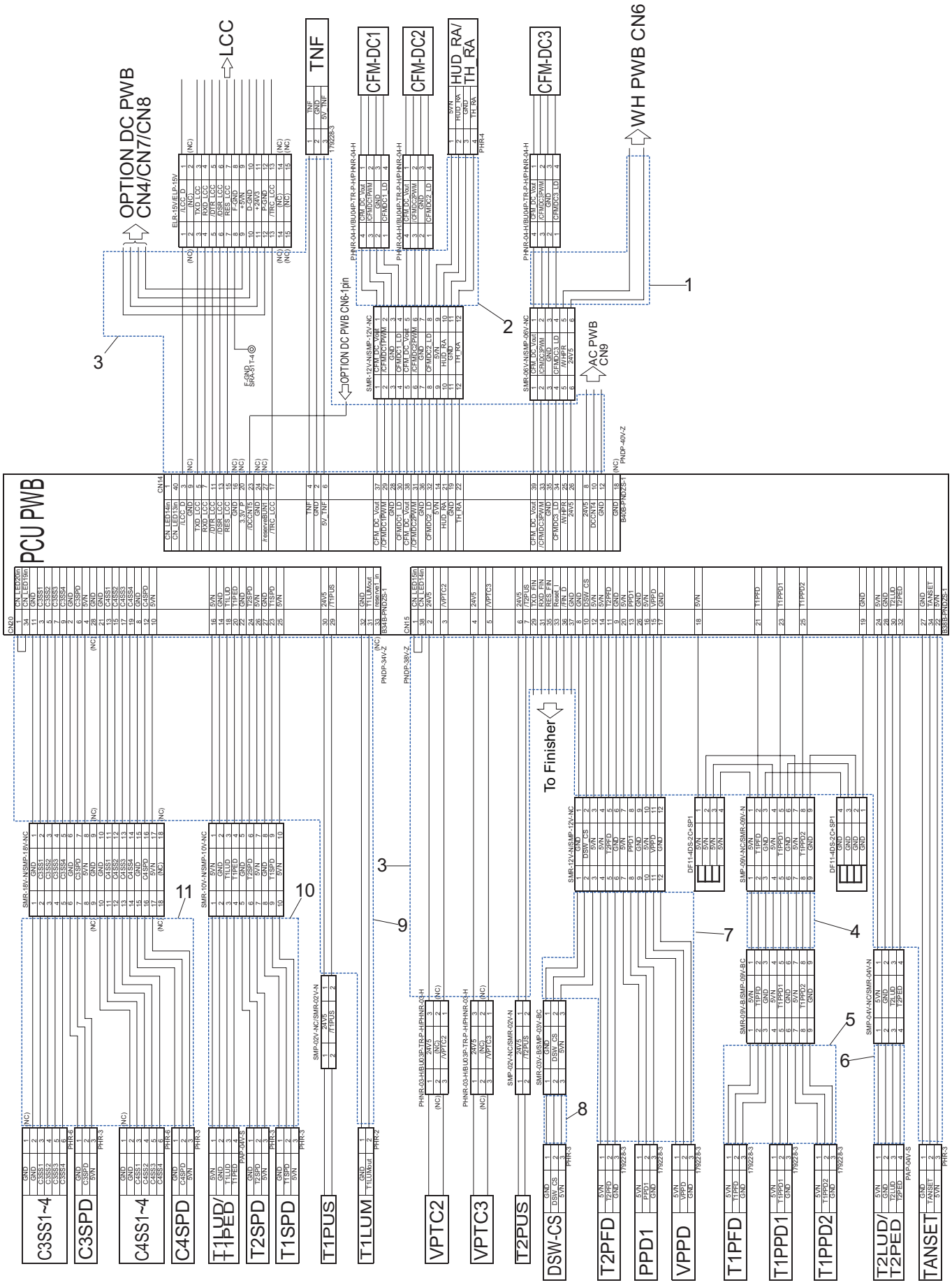
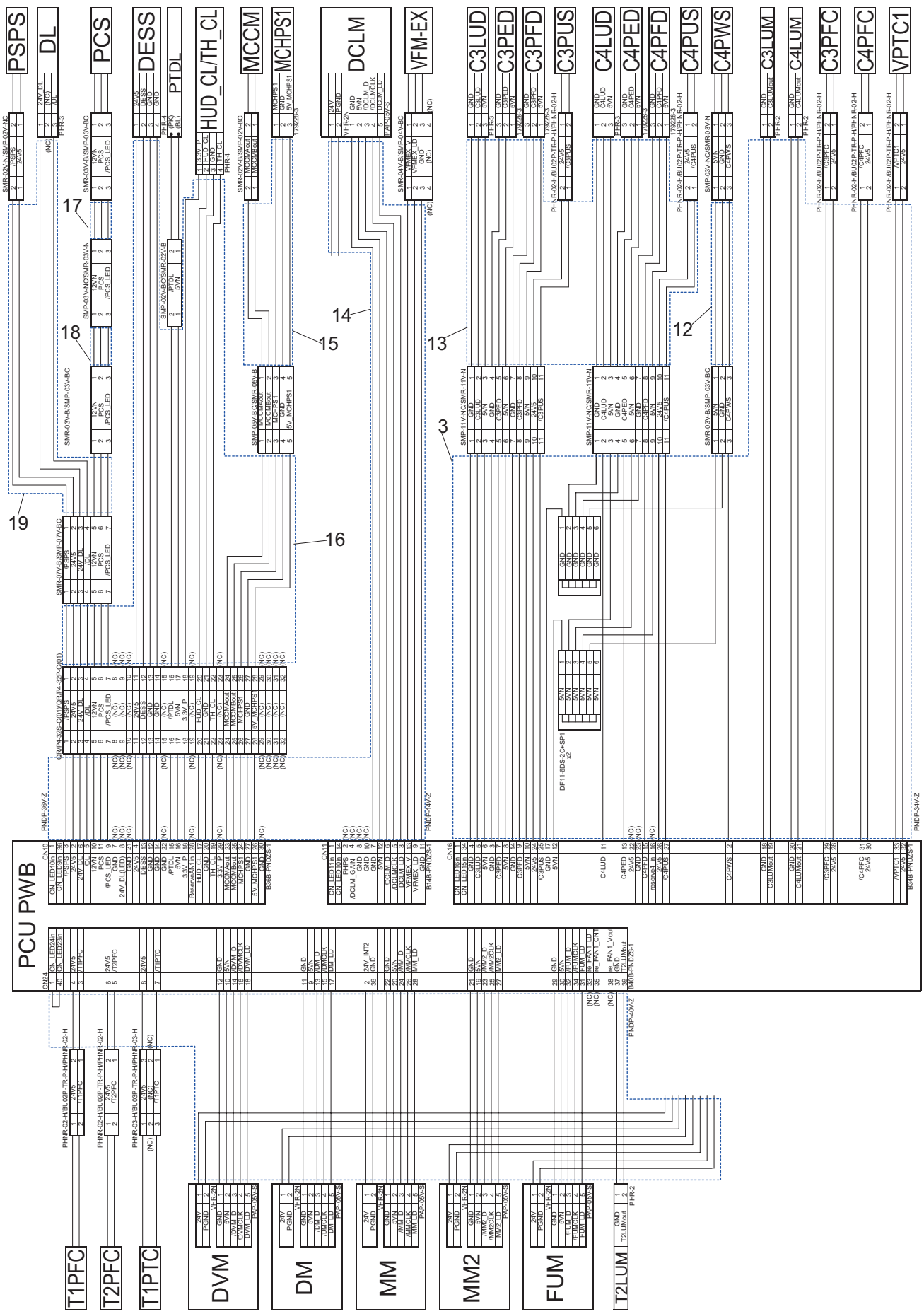

OPTION DC PWB
CN4/CN7/CN8
LCC
TNF
CFM-DC1
CFM-DC2
HUD_RA/
TH_RA
CFM-DC3
WH PWB CN6
OPTION DC PWB CN6-1pin
AC PWB
CN9
PCU PWB
To Finisher
C3SS1~4
C3SPD
C4SS1~4
C4SPD
T1HUD/
T1PED
T2SPD
T1SPD
T1PUS
T1LUM
VPTC2
VPTC3
T2PUS
DSW-CS
T2PFD
PPD1
VPPD
T1PFD
T1PPD1
T1PPD2
T2LUD/
T2PED
TANSET

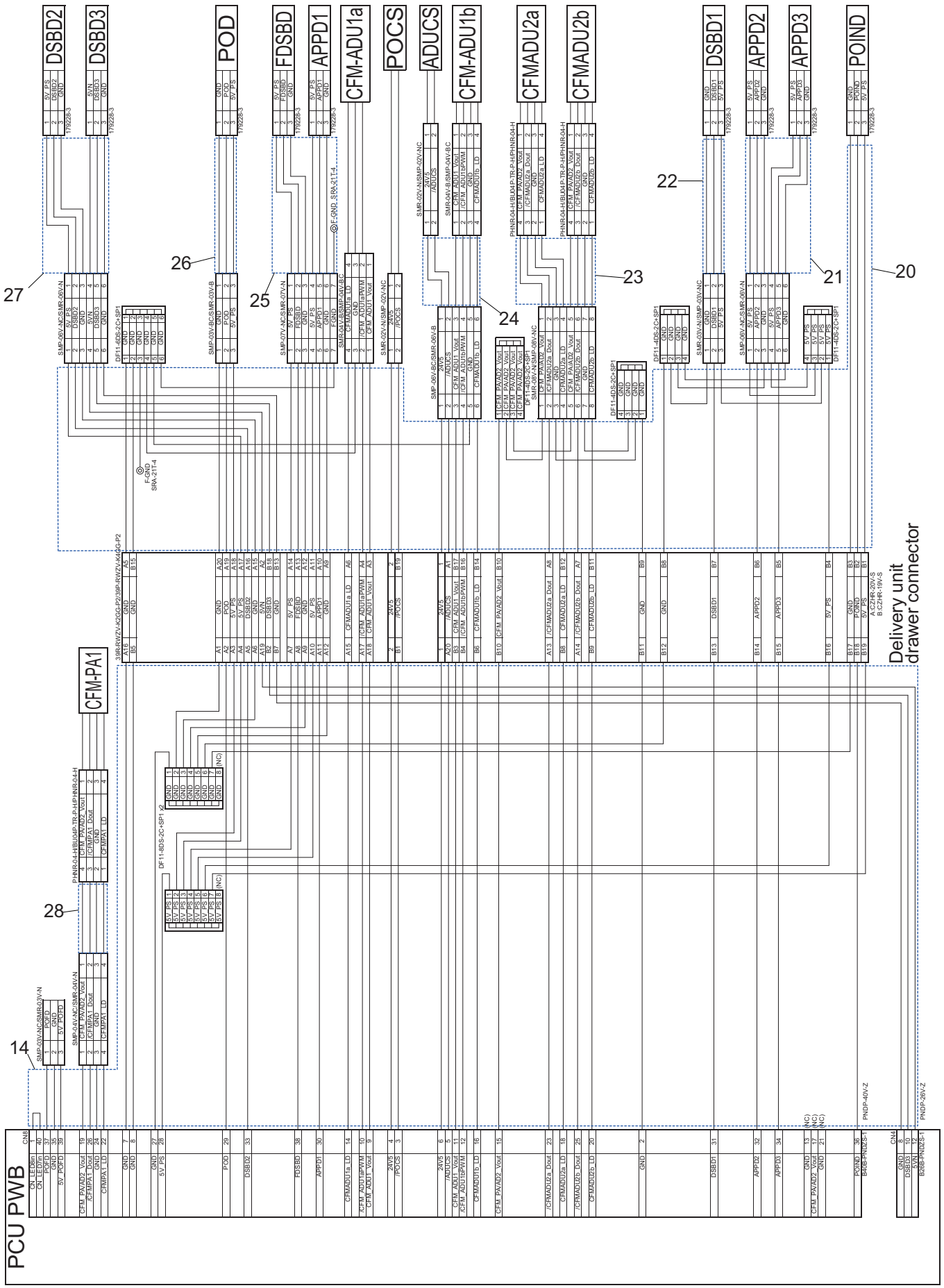


TOSHIBA


PSPS
DL
PCS
DESS
PTDL
HUD_CL/TH_CL
MCCM
MCHPS1
DCLM
VFM-EX
C3LUD
C3PED
C3PFD
C3PUS
C4LUD
C4PED
C4PFD
C4PUS
C4PWS
C3LUM
C4LUM
C3PFC
C4PFC
VPTC1
PCU PWB
T1PFC
T2PFC
T1PTC
DVM
DM
MM
MM2
FUM
T2LUM
3
12
13
14
15
16
17
18
19

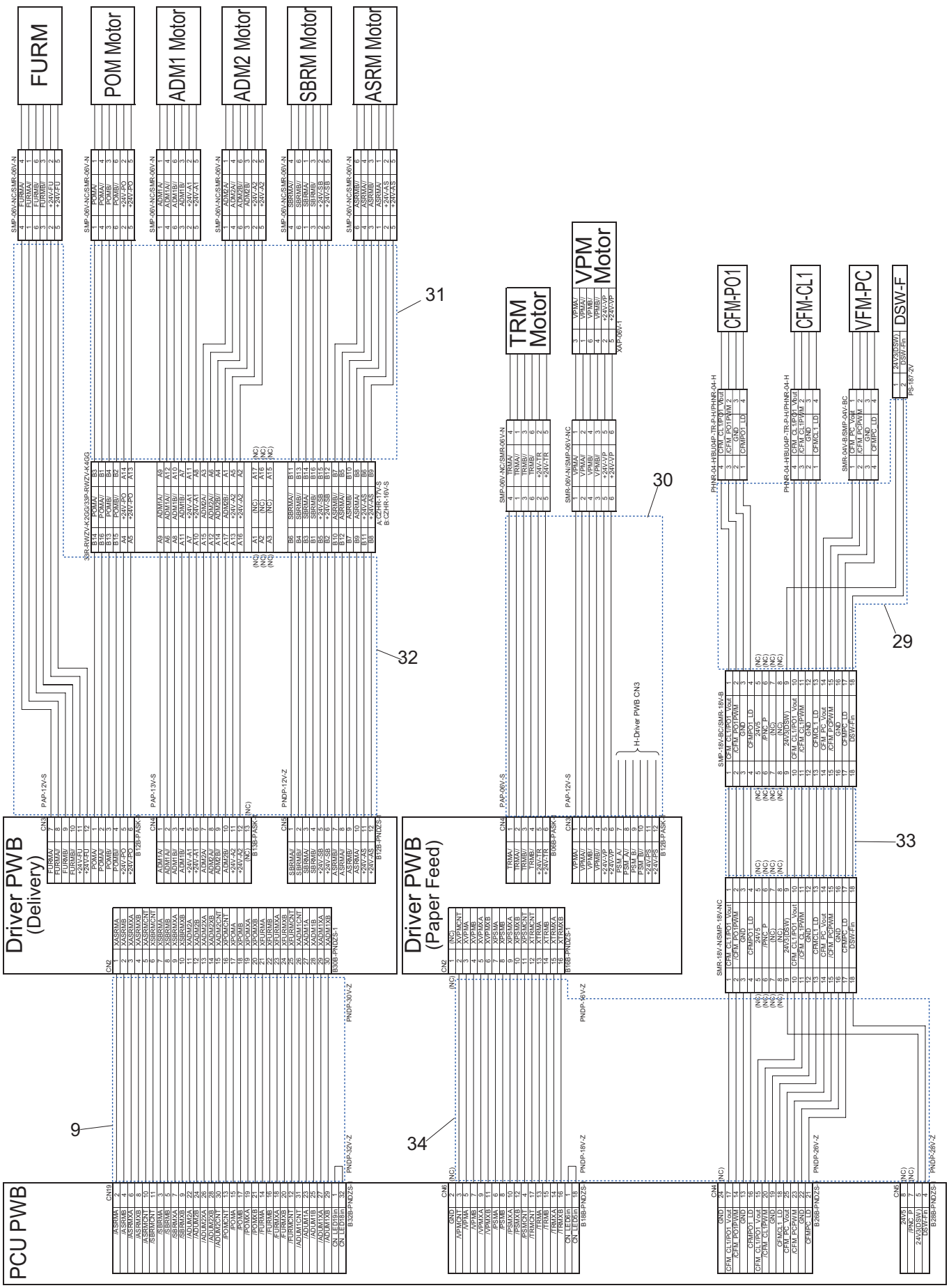


TOSHIBA


DSBD2
DSBD3
POD
FDSBD
APPD1
CFM-ADU1a
POCS
ADUCS
CFM-ADU1b
CFMADU2a
CFMADU2b
DSBD1
APPD2
APPD3
POIND
CFM-PA1
Delivery unit drawer connector
PCU PWB
14
20
21
22
23
24
25
26
27
28

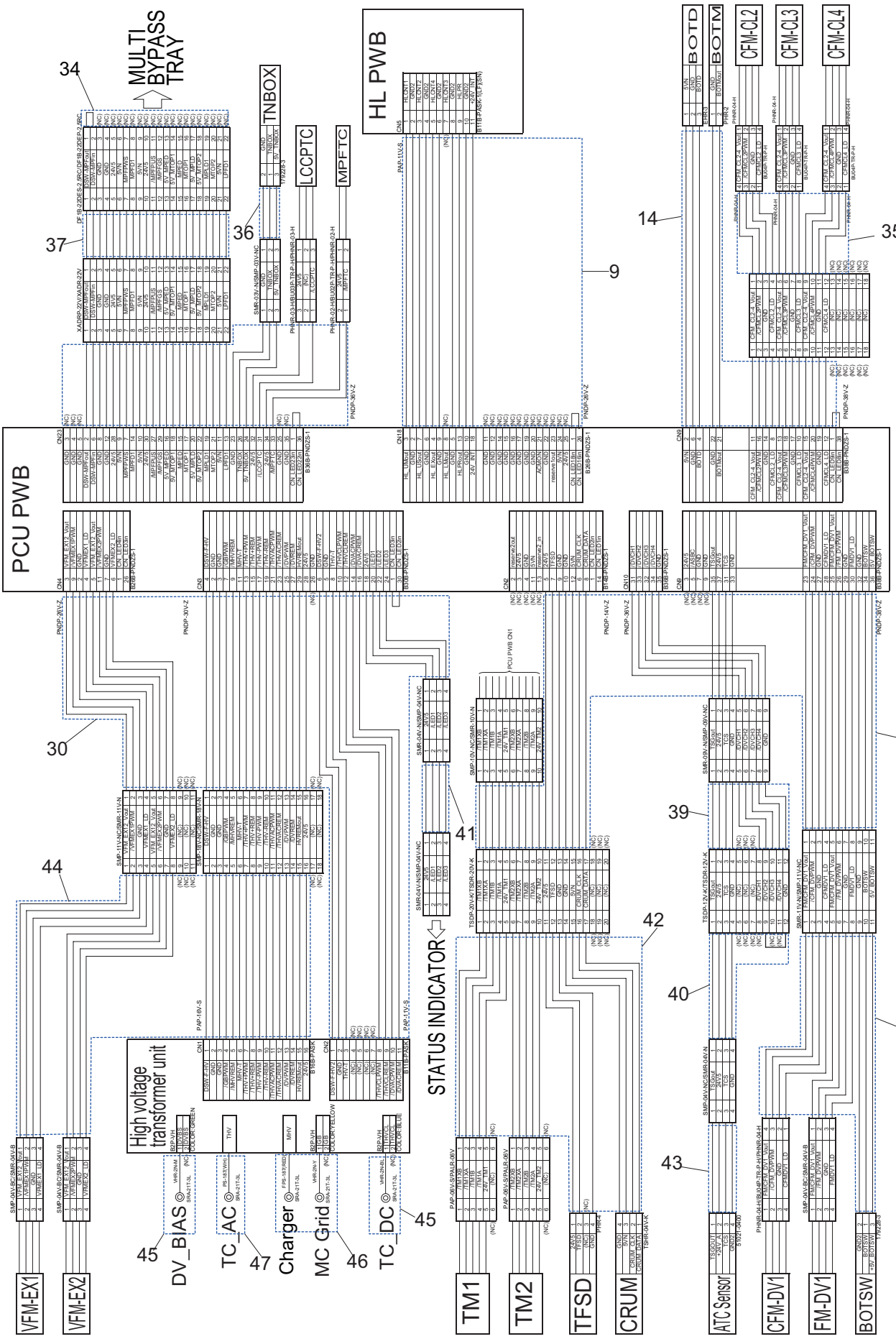


TOSHIBA


FURM
POM Motor
ADM1 Motor
ADM2 Motor
SBRM Motor
ASRM Motor
TRM Motor
VPM Motor
CFM-PO1
CFM-CL1
VFM-PC
DSW-F
Driver PWB (Delivery)
Driver PWB (Paper Feed)
PCU PWB
H-Driver PWB CN3
9
29
30
31
32
33
34

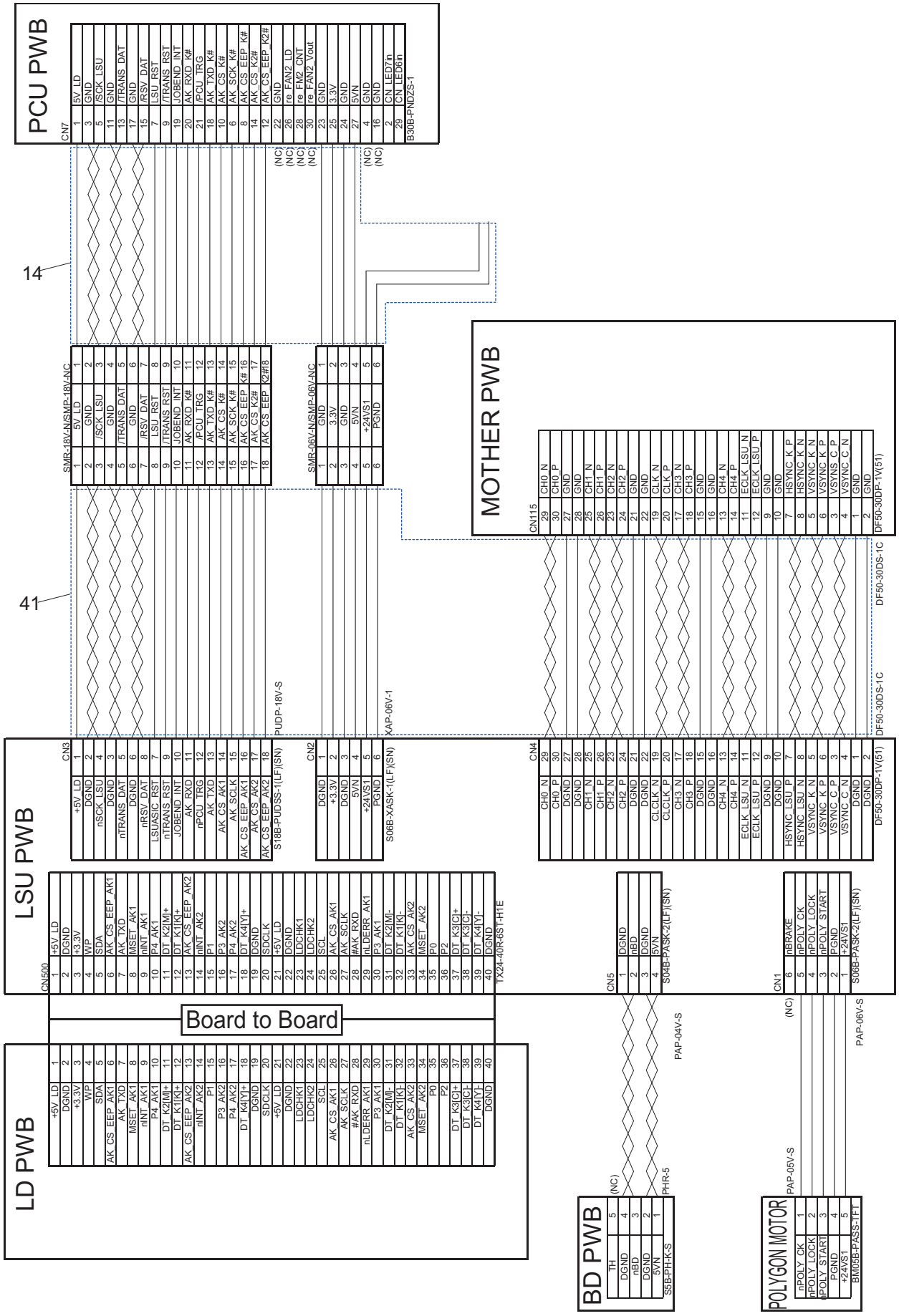


TOSHIBA


MULTI BYPASS TRAY
TNBOX
LCCPTC
MPFTC
HL PWB
BOTD
BOTM
CFM-CL2
CFM-CL3
CFM-CL4
PCU PWB
High voltage transformer unit
STATUS INDICATOR
DV_BIAS
TC_AC
Charger
MC Grid
TC_DC
VFM-EX1
VFM-EX2
TM1
TM2
TFSD
CRUM
ATC Sensor
CFM-DV1
FM-DV1
BOTSW
34
37
36
9
14
35
30
44
41
39
42
40
38
43
45
47
46

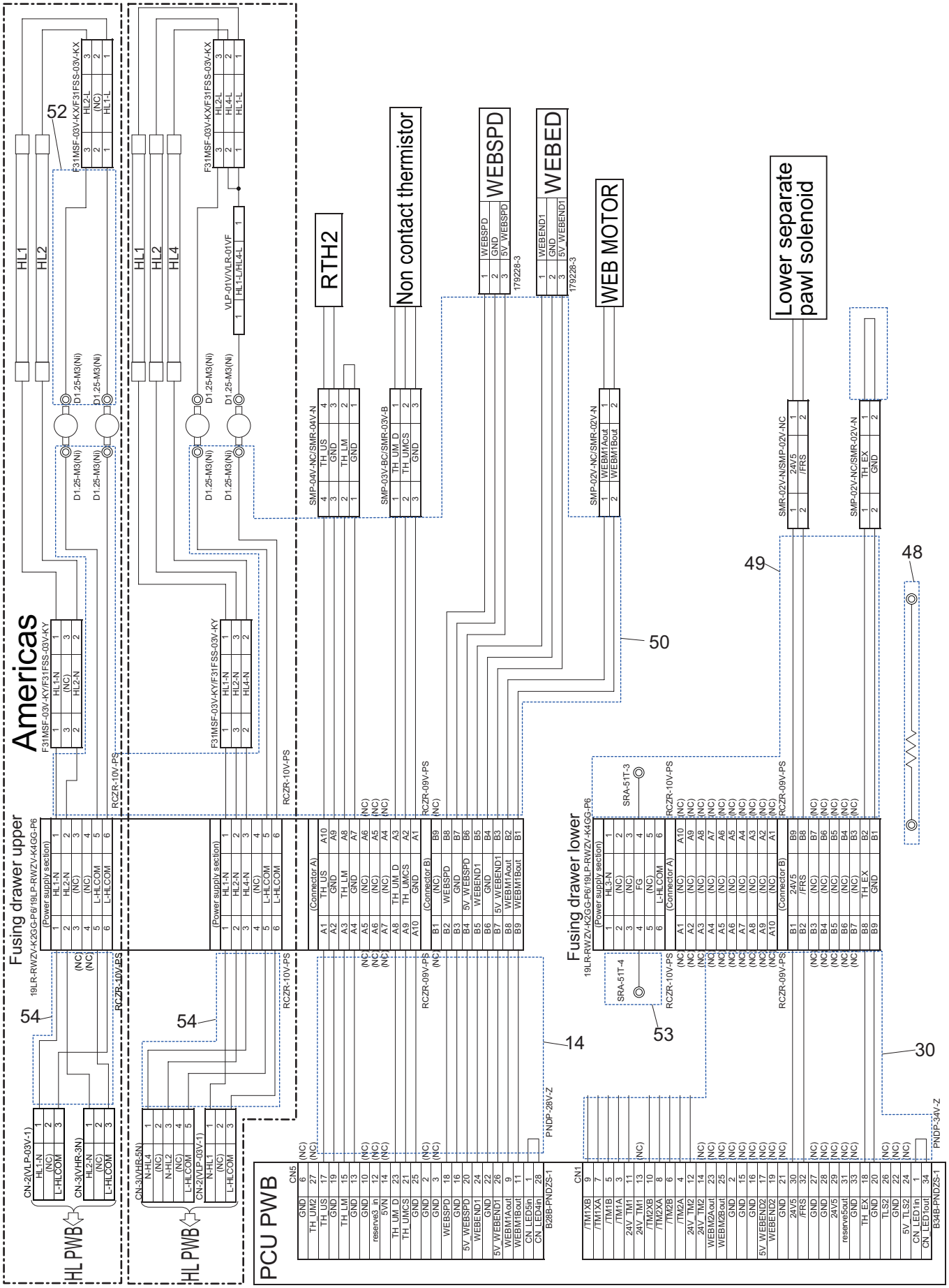


TOSHIBA


PCU PWB
CN7
B30B-PNDZS-1
14
SMR-18V-N/SMP-18V-NC
SMR-06V-N/SMP-06V-NC
41
PUDP-18V-S
XAP-06V-1
MOTHER PWB
CN115
DF50-30DS-1C
DF50-30DP-1V(51)
LSU PWB
CN3
S18B-PUDSS-1(LF)(SN)
CN2
S06B-XASK-1(LF)(SN)
CN4
CN500
TX24-40R-6ST-H1E
CN5
S04B-PASK-2(LF)(SN)
CN1
S06B-PASK-2(LF)(SN)
Board to Board
LD PWB
PAP-04V-S
PAP-06V-S
BD PWB
S5B-PH-K-S
PHR-5
PAP-05V-S
POLYGON MOTOR
BM05B-PASS-1FT

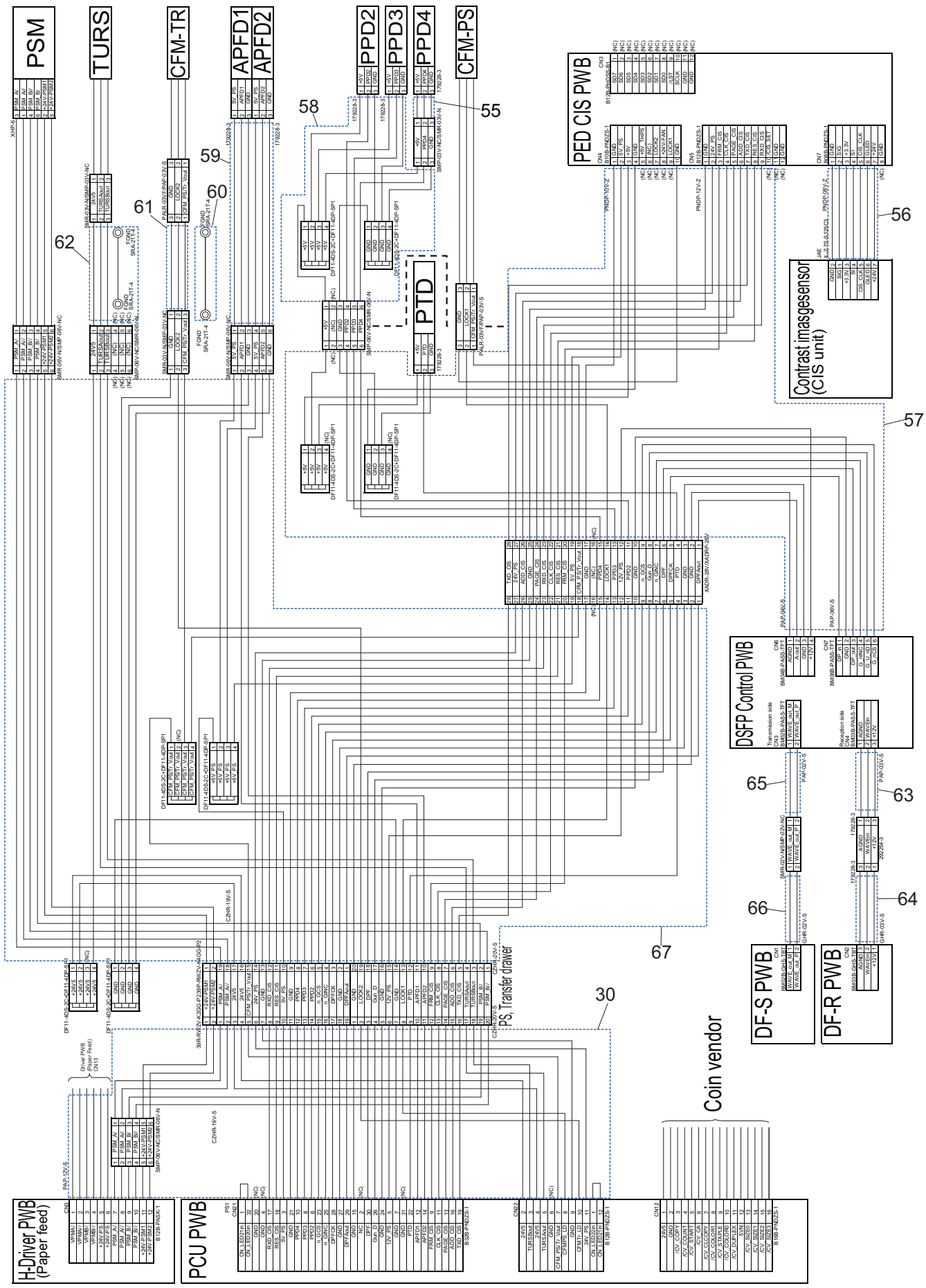


TOSHIBA


Americas
Fusing drawer upper
19LR-RWZV-K2GG-P6/19LP-RWZV-K4GG-P6
(Power supply section)
F31MSF-03V-KY/F31FSS-03V-KY
F31MSF-03V-KX/F31FSS-03V-KX
VLP-01V/VLR-01VF
D1.25-M3(Ni)
RCZR-10V-PS
RCZR-09V-PS
(Connector A)
(Connector B)
CN-2(VLP-03V-1)
CN-3(VHR-3N)
CN-3(VHR-5N)
CN-2(VLP-03V-1)
HL PWB
PCU PWB
CN5
CN1
B28B-PNDZS-1
B34B-PNDZS-1
PNDP-28V-Z
PNDP-34V-Z
HL1
HL2
HL4
52
54
14
30
50
49
48
53
RTH2
Non contact thermistor
WEBSPD
WEBED
WEB MOTOR
Lower separate pawl solenoid
SMP-04V-NC/SMR-04V-N
SMP-03V-BC/SMR-03V-B
SMP-02V-NC/SMR-02V-N
SMR-02V-N/SMP-02V-NC
SRA-51T-3
SRA-51T-4
Fusing drawer lower
19LR-RWZV-K2GG-P6/19LP-RWZV-K4GG-P6
179228-3

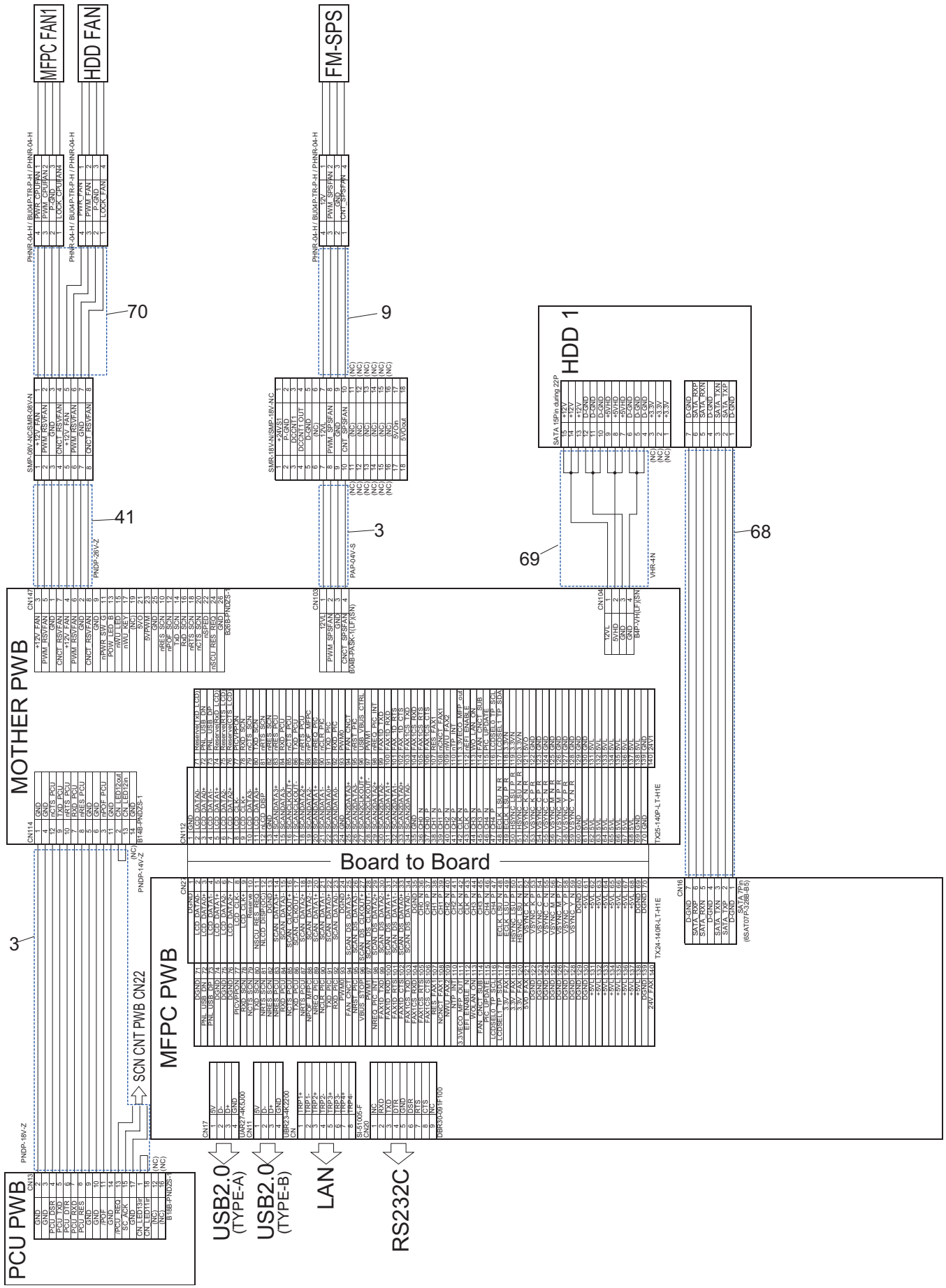


TOSHIBA


PSM
TURS
CFM-TR
APFD1
APFD2
PPD2
PPD3
PPD4
CFM-PS
PED CIS PWB
PTD
Contrast imasgesensor (CIS unit)
DSFP Control PWB
DF-S PWB
DF-R PWB
H-Driver PWB (Paper feed)
PCU PWB
PS, Transfer drawer
Coin vendor
55
56
57
58
59
60
61
62
63
64
65
66
67
30

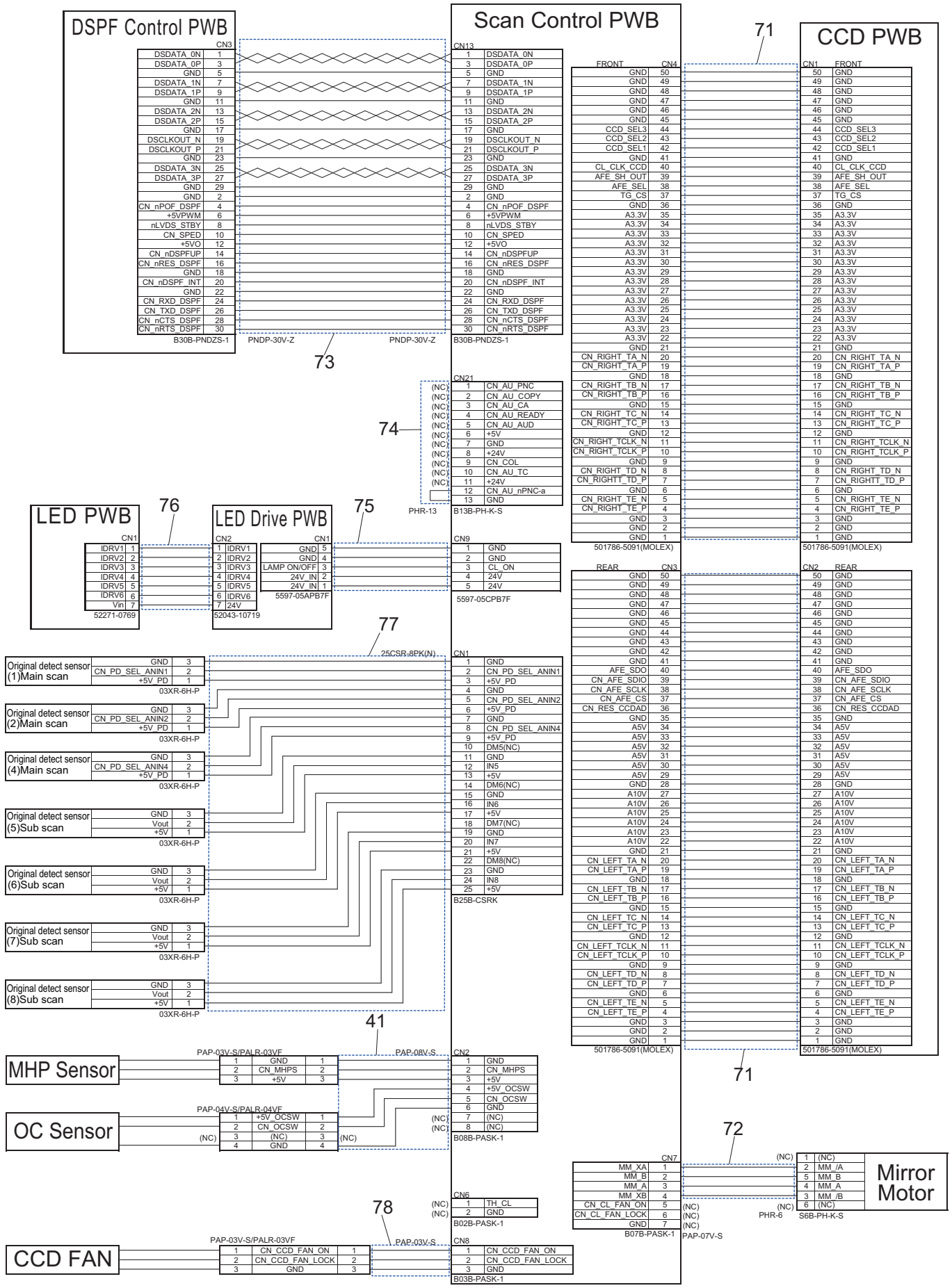


TOSHIBA


MFPC FAN1
HDD FAN
FM-SPS
HDD 1
MOTHER PWB
MFPC PWB
PCU PWB
Board to Board
SCN CNT PWB CN22
USB2.0 (TYPE-A)
USB2.0 (TYPE-B)
LAN
RS232C
70
9
41
3
69
68

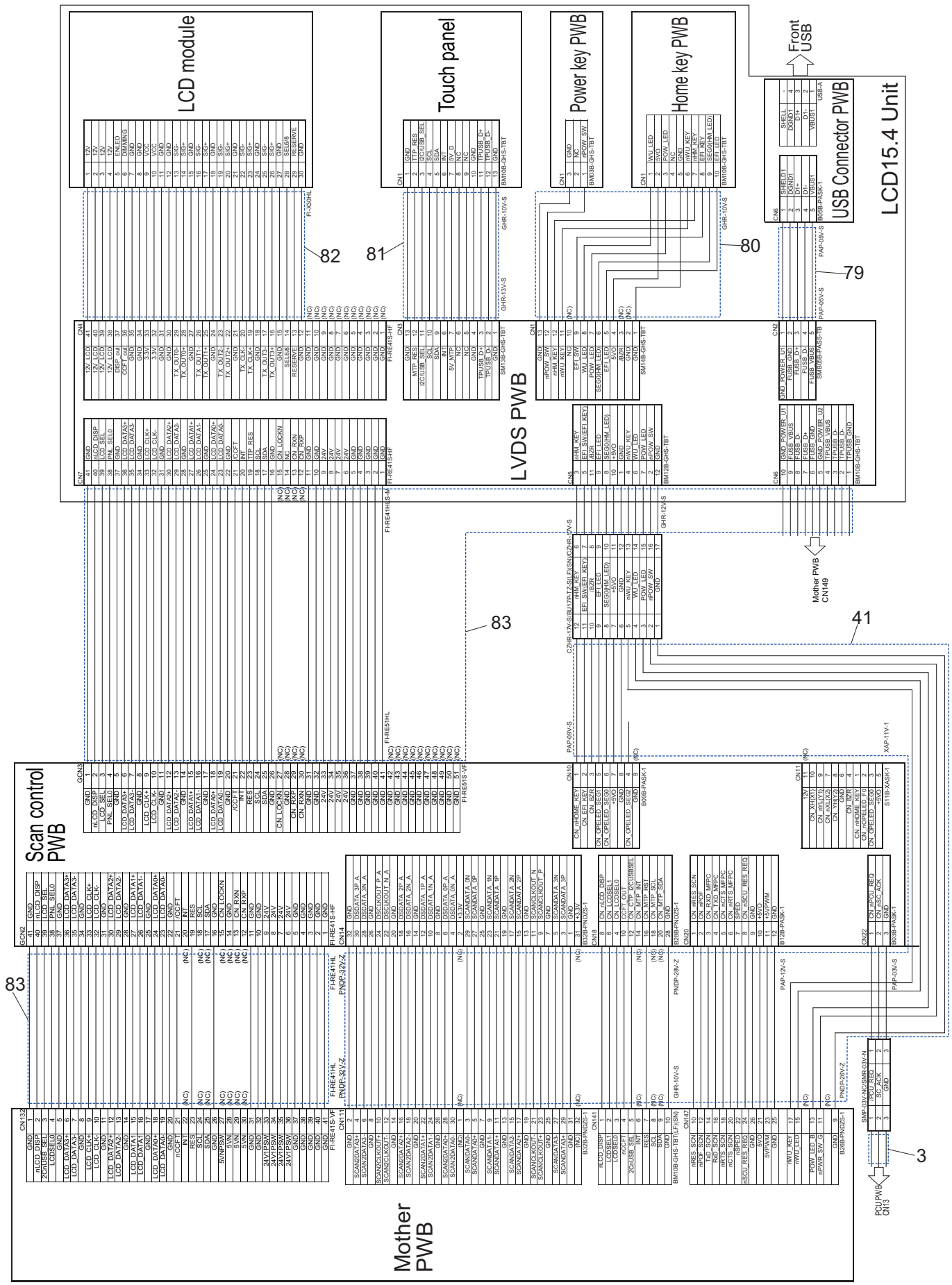


TOSHIBA


DSPF Control PWB
CN3
DSDATA_0N 1
DSDATA_0P 3
GND 5
DSDATA_1N 7
DSDATA_1P 9
GND 11
DSDATA_2N 13
DSDATA_2P 15
GND 17
DSCLKOUT_N 19
DSCLKOUT_P 21
GND 23
DSDATA_3N 25
DSDATA_3P 27
GND 29
GND 2
CN_nPOF_DSPF 4
+5VPWM 6
nLVDS_STBY 8
CN_SPED 10
+5VO 12
CN_nDSPFUP 14
CN_nRES_DSPF 16
GND 18
CN_nDSPF_INT 20
GND 22
CN_RXD_DSPF 24
CN_TXD_DSPF 26
CN_nCTS_DSPF 28
CN_nRTS_DSPF 30
B30B-PNDZS-1
PNDP-30V-Z
PNDP-30V-Z
73
Scan Control PWB
CN13
1 DSDATA_0N
3 DSDATA_0P
5 GND
7 DSDATA_1N
9 DSDATA_1P
11 GND
13 DSDATA_2N
15 DSDATA_2P
17 GND
19 DSCLKOUT_N
21 DSCLKOUT_P
23 GND
25 DSDATA_3N
27 DSDATA_3P
29 GND
2 GND
4 CN_nPOF_DSPF
6 +5VPWM
8 nLVDS_STBY
10 CN_SPED
12 +5VO
14 CN_nDSPFUP
16 CN_nRES_DSPF
18 GND
20 CN_nDSPF_INT
22 GND
24 CN_RXD_DSPF
26 CN_TXD_DSPF
28 CN_nCTS_DSPF
30 CN_nRTS_DSPF
B30B-PNDZS-1
71
CCD PWB
FRONT CN4
GND 50
GND 49
GND 48
GND 47
GND 46
GND 45
CCD_SEL3 44
CCD_SEL2 43
CCD_SEL1 42
GND 41
CL_CLK_CCD 40
AFE_SH_OUT 39
AFE_SEL 38
TG_CS 37
GND 36
A3.3V 35
A3.3V 34
A3.3V 33
A3.3V 32
A3.3V 31
A3.3V 30
A3.3V 29
A3.3V 28
A3.3V 27
A3.3V 26
A3.3V 25
A3.3V 24
A3.3V 23
A3.3V 22
GND 21
CN_RIGHT_TA_N 20
CN_RIGHT_TA_P 19
GND 18
CN_RIGHT_TB_N 17
CN_RIGHT_TB_P 16
GND 15
CN_RIGHT_TC_N 14
CN_RIGHT_TC_P 13
GND 12
CN_RIGHT_TCLK_N 11
CN_RIGHT_TCLK_P 10
GND 9
CN_RIGHT_TD_N 8
CN_RIGHTT_TD_P 7
GND 6
CN_RIGHT_TE_N 5
CN_RIGHT_TE_P 4
GND 3
GND 2
GND 1
501786-5091(MOLEX)
CN1 FRONT
50 GND
49 GND
48 GND
47 GND
46 GND
45 GND
44 CCD_SEL3
43 CCD_SEL2
42 CCD_SEL1
41 GND
40 CL_CLK_CCD
39 AFE_SH_OUT
38 AFE_SEL
37 TG_CS
36 GND
35 A3.3V
34 A3.3V
33 A3.3V
32 A3.3V
31 A3.3V
30 A3.3V
29 A3.3V
28 A3.3V
27 A3.3V
26 A3.3V
25 A3.3V
24 A3.3V
23 A3.3V
22 A3.3V
21 GND
20 CN_RIGHT_TA_N
19 CN_RIGHT_TA_P
18 GND
17 CN_RIGHT_TB_N
16 CN_RIGHT_TB_P
15 GND
14 CN_RIGHT_TC_N
13 CN_RIGHT_TC_P
12 GND
11 CN_RIGHT_TCLK_N
10 CN_RIGHT_TCLK_P
9 GND
8 CN_RIGHT_TD_N
7 CN_RIGHTT_TD_P
6 GND
5 CN_RIGHT_TE_N
4 CN_RIGHT_TE_P
3 GND
2 GND
1 GND
501786-5091(MOLEX)
74
CN21
(NC) 1 CN_AU_PNC
(NC) 2 CN_AU_COPY
(NC) 3 CN_AU_CA
(NC) 4 CN_AU_READY
(NC) 5 CN_AU_AUD
(NC) 6 +5V
(NC) 7 GND
(NC) 8 +24V
(NC) 9 CN_COL
(NC) 10 CN_AU_TC
(NC) 11 +24V
(NC) 12 CN_AU_nPNC-a
(NC) 13 GND
PHR-13
B13B-PH-K-S
LED PWB
76
CN1
IDRV1 1
IDRV2 2
IDRV3 3
IDRV4 4
IDRV5 5
IDRV6 6
Vin 7
52271-0769
LED Drive PWB
75
CN2
1 IDRV1
2 IDRV2
3 IDRV3
4 IDRV4
5 IDRV5
6 IDRV6
7 24V
52043-10719
CN1
GND 5
GND 4
LAMP ON/OFF 3
24V_IN 2
24V_IN 1
5597-05APB7F
CN9
1 GND
2 GND
3 CL_ON
4 24V
5 24V
5597-05CPB7F
REAR CN3
GND 50
GND 49
GND 48
GND 47
GND 46
GND 45
GND 44
GND 43
GND 42
GND 41
AFE_SDO 40
CN_AFE_SDIO 39
CN_AFE_SCLK 38
CN_AFE_CS 37
CN_RES_CCDAD 36
GND 35
A5V 34
A5V 33
A5V 32
A5V 31
A5V 30
A5V 29
GND 28
A10V 27
A10V 26
A10V 25
A10V 24
A10V 23
A10V 22
GND 21
CN_LEFT_TA_N 20
CN_LEFT_TA_P 19
GND 18
CN_LEFT_TB_N 17
CN_LEFT_TB_P 16
GND 15
CN_LEFT_TC_N 14
CN_LEFT_TC_P 13
GND 12
CN_LEFT_TCLK_N 11
CN_LEFT_TCLK_P 10
GND 9
CN_LEFT_TD_N 8
CN_LEFT_TD_P 7
GND 6
CN_LEFT_TE_N 5
CN_LEFT_TE_P 4
GND 3
GND 2
GND 1
501786-5091(MOLEX)
CN2 REAR
50 GND
49 GND
48 GND
47 GND
46 GND
45 GND
44 GND
43 GND
42 GND
41 GND
40 AFE_SDO
39 CN_AFE_SDIO
38 CN_AFE_SCLK
37 CN_AFE_CS
36 CN_RES_CCDAD
35 GND
34 A5V
33 A5V
32 A5V
31 A5V
30 A5V
29 A5V
28 GND
27 A10V
26 A10V
25 A10V
24 A10V
23 A10V
22 A10V
21 GND
20 CN_LEFT_TA_N
19 CN_LEFT_TA_P
18 GND
17 CN_LEFT_TB_N
16 CN_LEFT_TB_P
15 GND
14 CN_LEFT_TC_N
13 CN_LEFT_TC_P
12 GND
11 CN_LEFT_TCLK_N
10 CN_LEFT_TCLK_P
9 GND
8 CN_LEFT_TD_N
7 CN_LEFT_TD_P
6 GND
5 CN_LEFT_TE_N
4 CN_LEFT_TE_P
3 GND
2 GND
1 GND
501786-5091(MOLEX)
71
77
25CSR-8PK(N)
Original detect sensor (1)Main scan
GND 3
CN_PD_SEL_ANIN1 2
+5V_PD 1
03XR-6H-P
Original detect sensor (2)Main scan
GND 3
CN_PD_SEL_ANIN2 2
+5V_PD 1
03XR-6H-P
Original detect sensor (4)Main scan
GND 3
CN_PD_SEL_ANIN4 2
+5V_PD 1
03XR-6H-P
Original detect sensor (5)Sub scan
GND 3
Vout 2
+5V 1
03XR-6H-P
Original detect sensor (6)Sub scan
GND 3
Vout 2
+5V 1
03XR-6H-P
Original detect sensor (7)Sub scan
GND 3
Vout 2
+5V 1
03XR-6H-P
Original detect sensor (8)Sub scan
GND 3
Vout 2
+5V 1
03XR-6H-P
CN1
1 GND
2 CN_PD_SEL_ANIN1
3 +5V_PD
4 GND
5 CN_PD_SEL_ANIN2
6 +5V_PD
7 GND
8 CN_PD_SEL_ANIN4
9 +5V_PD
10 DM5(NC)
11 GND
12 IN5
13 +5V
14 DM6(NC)
15 GND
16 IN6
17 +5V
18 DM7(NC)
19 GND
20 IN7
21 +5V
22 DM8(NC)
23 GND
24 IN8
25 +5V
B25B-CSRK
41
MHP Sensor
PAP-03V-S/PALR-03VF
1 GND 1
2 CN_MHPS 2
3 +5V 3
PAP-08V-S
CN2
1 GND
2 CN_MHPS
3 +5V
4 +5V_OCSW
5 CN_OCSW
6 GND
7 (NC)
8 (NC)
B08B-PASK-1
OC Sensor
PAP-04V-S/PALR-04VF
1 +5V_OCSW 1
2 CN_OCSW 2
(NC) 3 (NC) 3
4 GND 4
(NC)
(NC)
(NC)
72
CN7
MM_XA 1
MM_B 2
MM_A 3
MM_XB 4
CN_CL_FAN_ON 5
CN_CL_FAN_LOCK 6
GND 7
B07B-PASK-1
(NC)
(NC)
(NC)
(NC)
PAP-07V-S
(NC) 1 (NC)
2 MM_/A
5 MM_B
4 MM_A
3 MM_/B
6 (NC)
PHR-6
S6B-PH-K-S
Mirror Motor
78
CN6
1 TH_CL
2 GND
B02B-PASK-1
CCD FAN
PAP-03V-S/PALR-03VF
1 CN_CCD_FAN_ON 1
2 CN_CCD_FAN_LOCK 2
3 GND 3
PAP-03V-S
CN8
1 CN_CCD_FAN_ON
2 CN_CCD_FAN_LOCK
3 GND
B03B-PASK-1

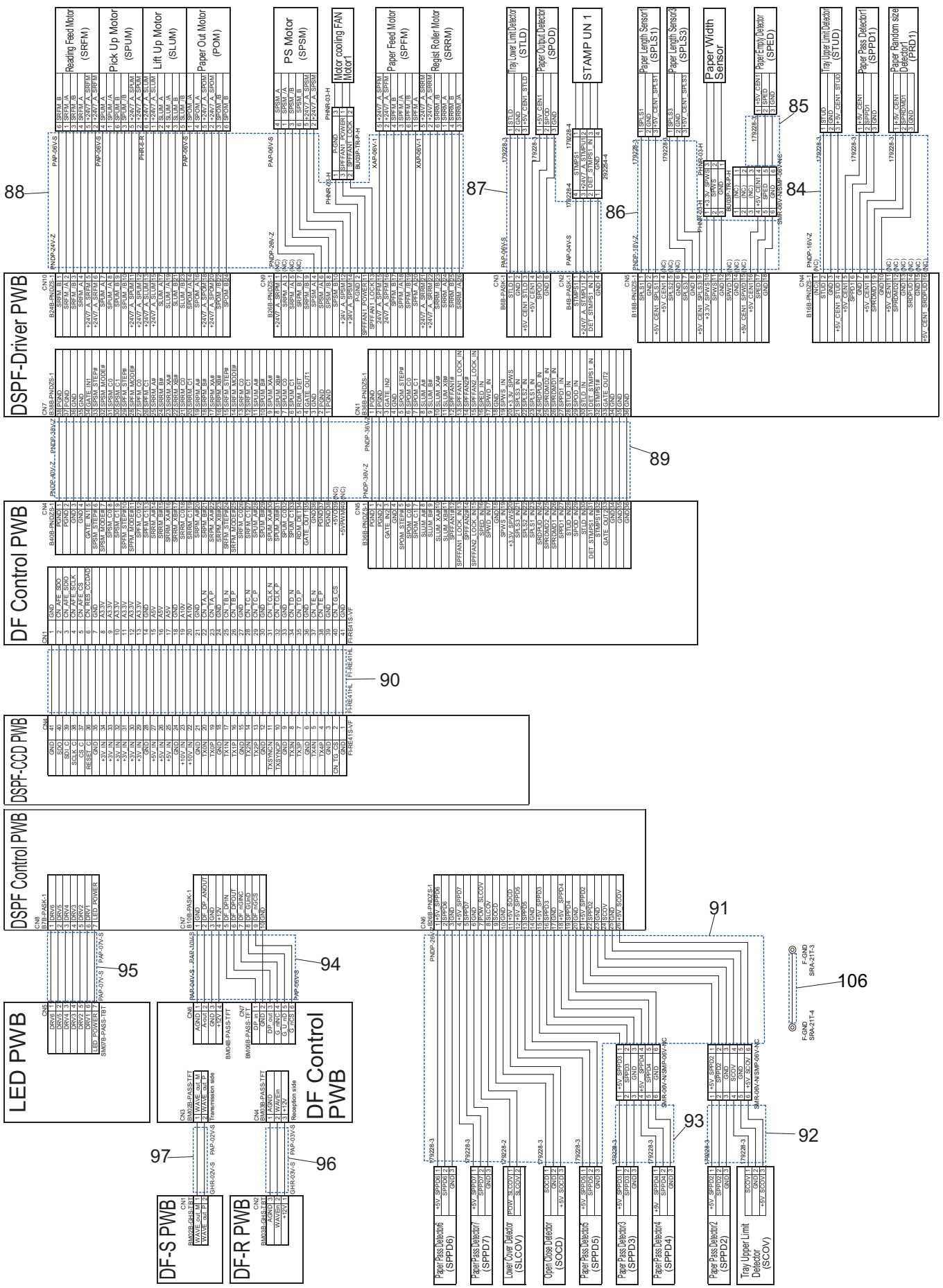


TOSHIBA


LCD module
Touch panel
Power key PWB
Home key PWB
Front USB
USB Connector PWB
LCD15.4 Unit
LVDS PWB
Scan control PWB
Mother PWB
Mother PWB CN149
PCU PWB CN13
82
81
80
79
83
41
3

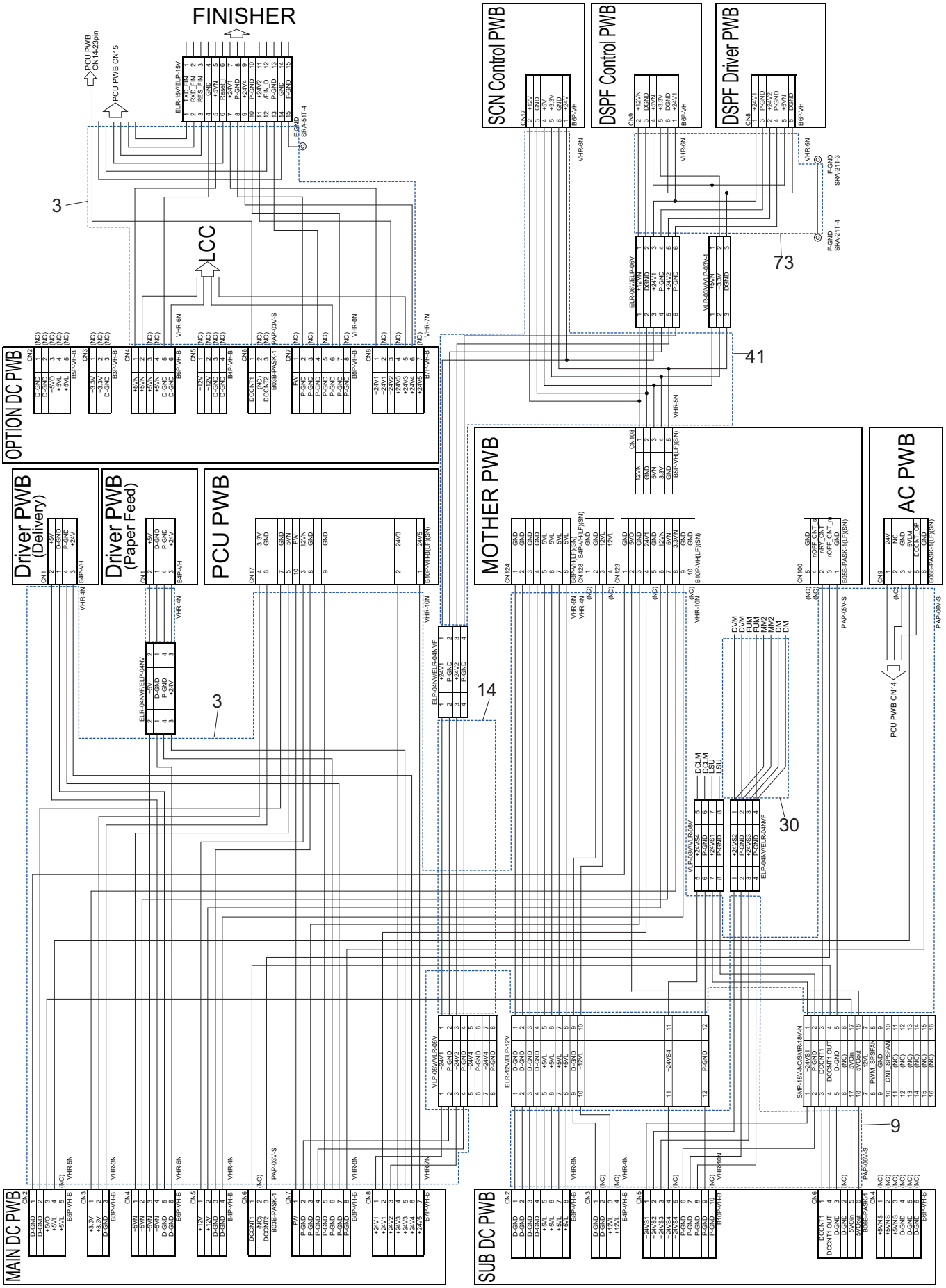


TOSHIBA


DSPF-Driver PWB
DF Control PWB
DSPF-CCD PWB
DSPF Control PWB
LED PWB
DF-S PWB
DF-R PWB
DF Control PWB
Reading Feed Motor (SRFM)
Pick Up Motor (SPUM)
Lift Up Motor (SLUM)
Paper Out Motor (POM)
PS Motor (SPSM)
Motor cooling FAN Motor1
Paper Feed Motor (SPFM)
Regist Roller Motor (SRRM)
Tray Lower Limit Detector (STLD)
Paper Output Detector (SPOD)
STAMP UN 1
Paper Length Sensor1 (SPLS1)
Paper Length Sensor3 (SPLS3)
Paper Width Sensor
Paper Empty Detector (SPED)
Tray Upper Limit Detector (STUD)
Paper Pass Detector1 (SPPD1)
Paper Random size Detector1 (PRD1)
Paper Pass Detector6 (SPPD6)
Paper Pass Detector7 (SPPD7)
Lower Cover Detector (SLCOV)
Open Nose Detector (SOCD)
Paper Pass Detector5 (SPPD5)
Paper Pass Detector3 (SPPD3)
Paper Pass Detector4 (SPPD4)
Paper Pass Detector2 (SPPD2)
Tray Upper Limit Detector (SCOV)
88
87
86
85
84
89
90
91
92
93
94
95
96
97
106

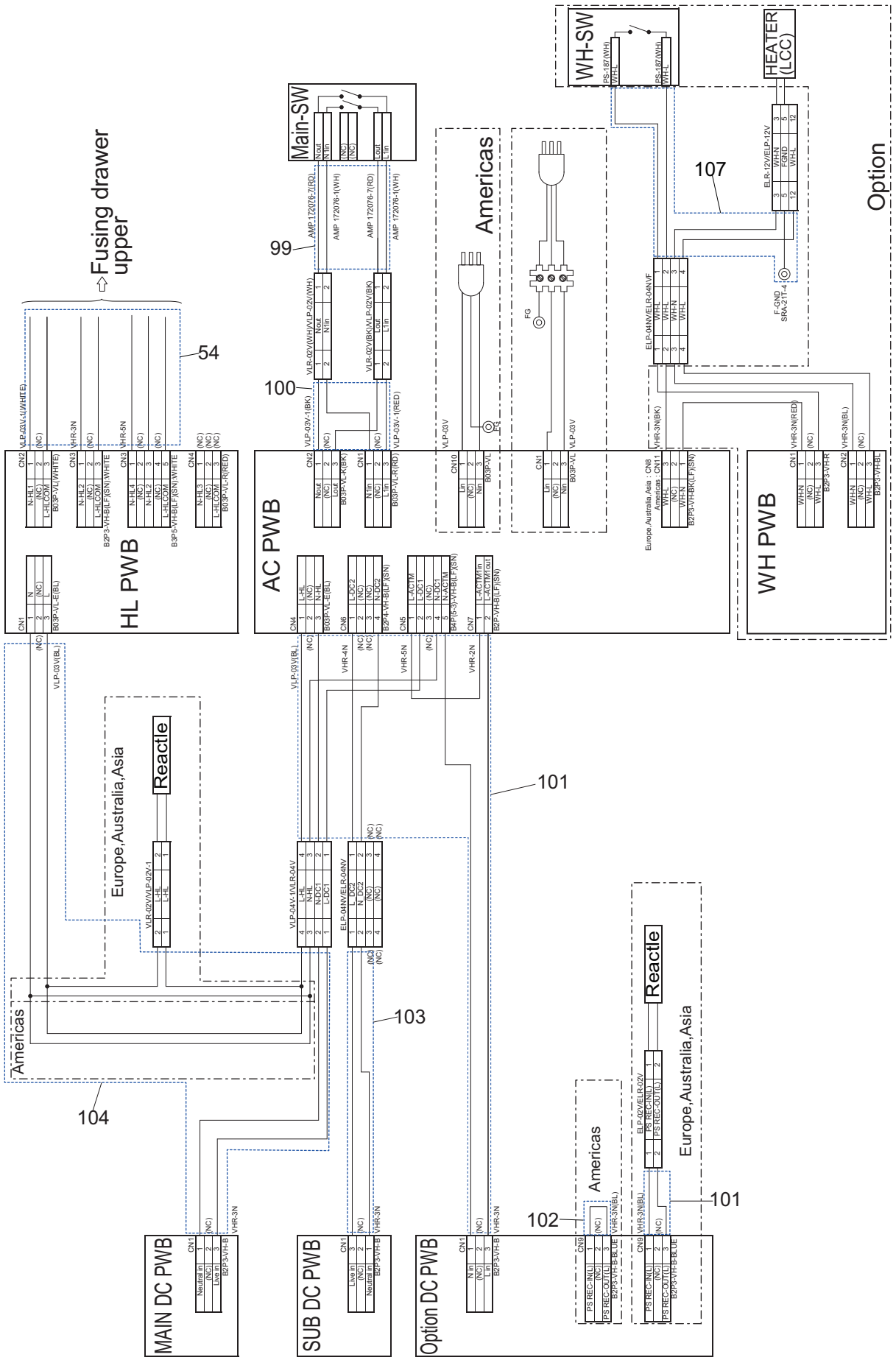


TOSHIBA


FINISHER
PCU PWB CN14-29pin
PCU PWB CN15
ELR-15V/ELP-15V
F-GND SRA-51T-4
3
LCC
OPTION DC PWB
Driver PWB (Delivery)
Driver PWB (Paper Feed)
PCU PWB
SCN Control PWB
DSPF Control PWB
DSPF Driver PWB
73
41
MOTHER PWB
AC PWB
14
30
9
MAIN DC PWB
SUB DC PWB

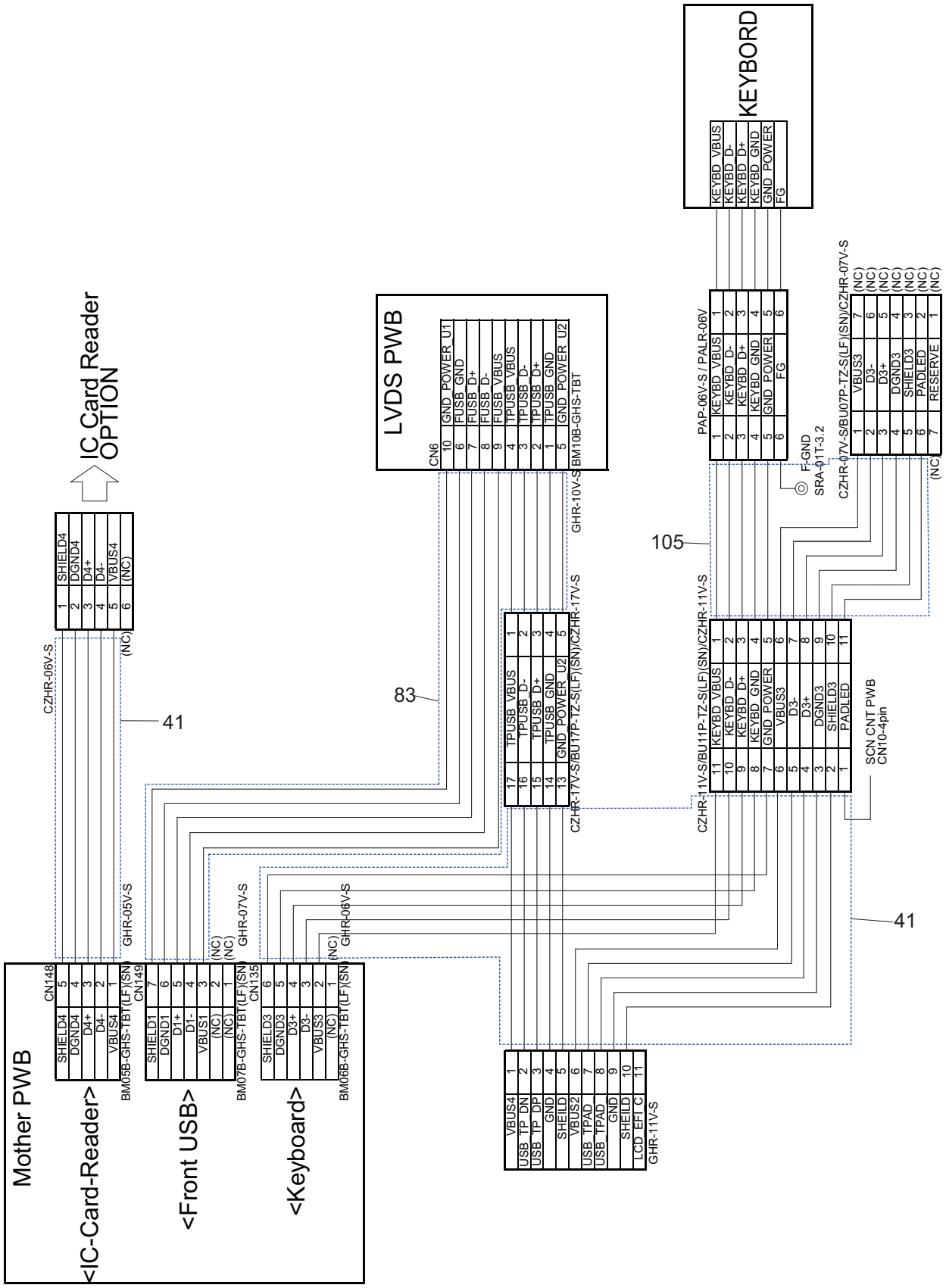


TOSHIBA


Fusing drawer upper
54
99
100
101
102
103
104
107
Main-SW
WH-SW
HEATER (LCC)
Option
Americas
Europe,Australia,Asia
Reactle
HL PWB
AC PWB
WH PWB
MAIN DC PWB
SUB DC PWB
Option DC PWB



TOSHIBA


Mother PWB
<IC-Card-Reader>
CN148
SHIELD4 5
DGND4 4
D4+ 3
D4- 2
VBUS4 1
BM05B-GHS-TBT(LF)(SN)
GHR-05V-S
<Front USB>
CN149
SHIELD1 7
DGND1 6
D1+ 5
D1- 4
VBUS1 3
(NC) 2
(NC) 1
BM07B-GHS-TBT(LF)(SN)
GHR-07V-S
<Keyboard>
CN135
SHIELD3 6
DGND3 5
D3+ 4
D3- 3
VBUS3 2
(NC) 1
BM06B-GHS-TBT(LF)(SN)
GHR-06V-S
VBUS4 1
USB_TP_DN 2
USB_TP_DP 3
GND 4
SHEILD 5
VBUS2 6
USB_TPAD 7
USB_TPAD 8
GND 9
SHEILD 10
LCD_EFI_C 11
GHR-11V-S
CZHR-06V-S
SHIELD4 1
DGND4 2
D4+ 3
D4- 4
VBUS4 5
(NC) 6
41
IC Card Reader
OPTION
LVDS PWB
CN6
GND_POWER_U1 10
FUSB_GND 6
FUSB_D+ 7
FUSB_D- 8
FUSB_VBUS 9
TPUSB_VBUS 4
TPUSB_D- 3
TPUSB_D+ 2
TPUSB_GND 1
GND_POWER_U2 5
BM10B-GHS-TBT
GHR-10V-S
83
TPUSB_VBUS 17
TPUSB_D- 16
TPUSB_D+ 15
TPUSB_GND 14
GND_POWER_U2 13
CZHR-17V-S/BU17P-TZ-S(LF)(SN)/CZHR-17V-S
KEYBORD
KEYBD_VBUS
KEYBD_D-
KEYBD_D+
KEYBD_GND
GND_POWER
FG
PAP-06V-S / PALR-06V
KEYBD_VBUS 1
KEYBD_D- 2
KEYBD_D+ 3
KEYBD_GND 4
GND_POWER 5
FG 6
F-GND
SRA-01T-3.2
105
CZHR-11V-S/BU11P-TZ-S(LF)(SN)/CZHR-11V-S
KEYBD_VBUS 11
KEYBD_D- 10
KEYBD_D+ 9
KEYBD_GND 8
GND_POWER 7
VBUS3 6
D3- 5
D3+ 4
DGND3 3
SHIELD3 2
PADLED 1
SCN CNT PWB
CN10-4pin
CZHR-07V-S/BU07P-TZ-S(LF)(SN)/CZHR-07V-S
VBUS3 1 (NC)
D3- 2 (NC)
D3+ 3 (NC)
DGND3 4 (NC)
SHIELD3 5 (NC)
PADLED 6 (NC)
RESERVE 7 (NC)
41