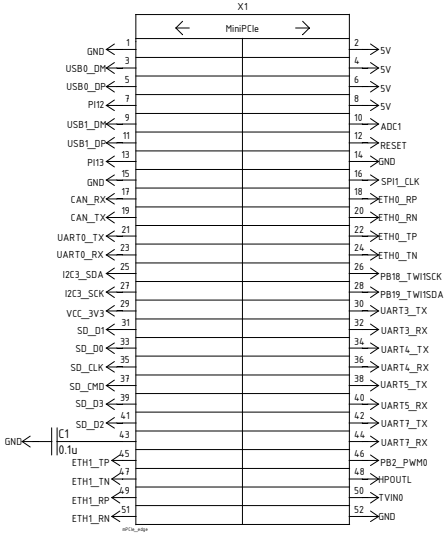

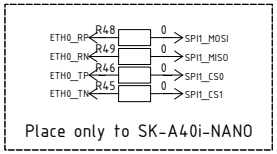

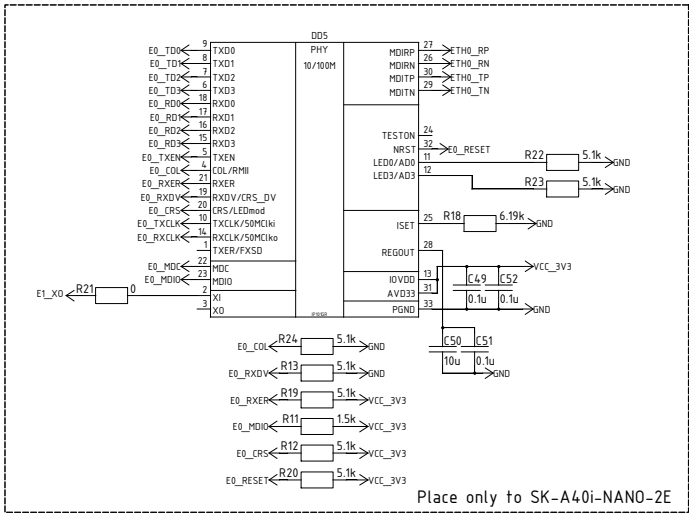

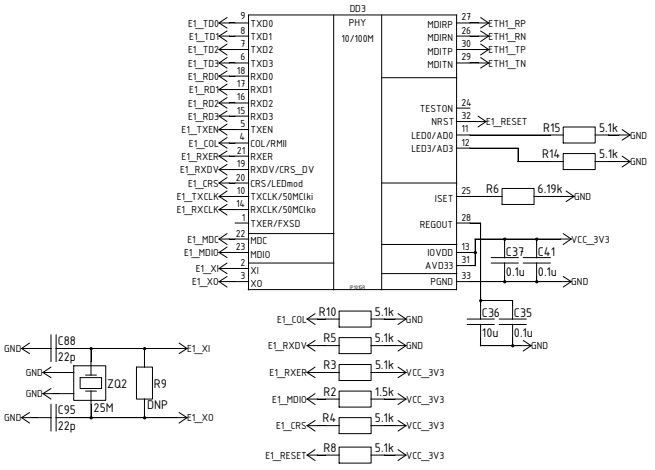

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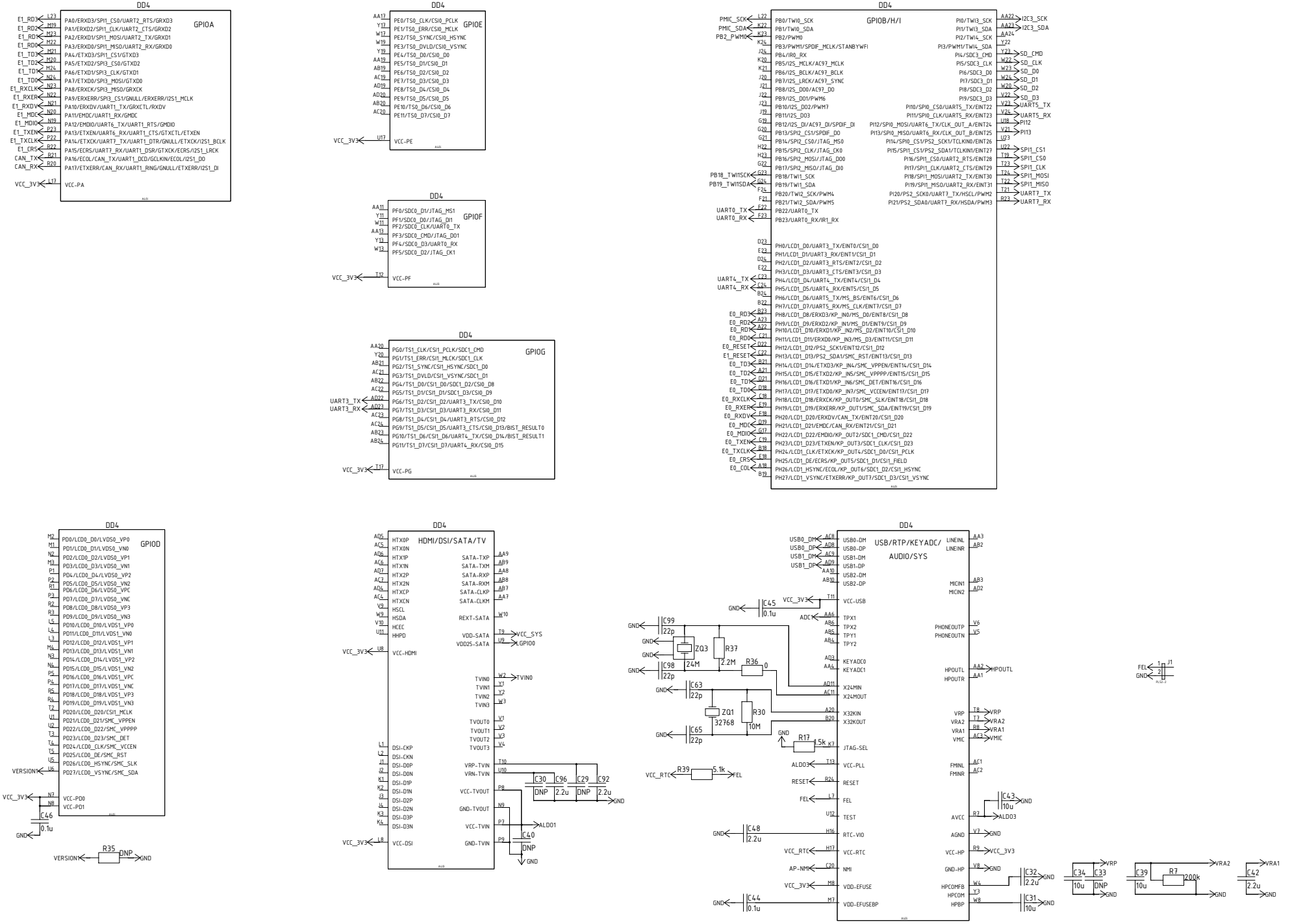
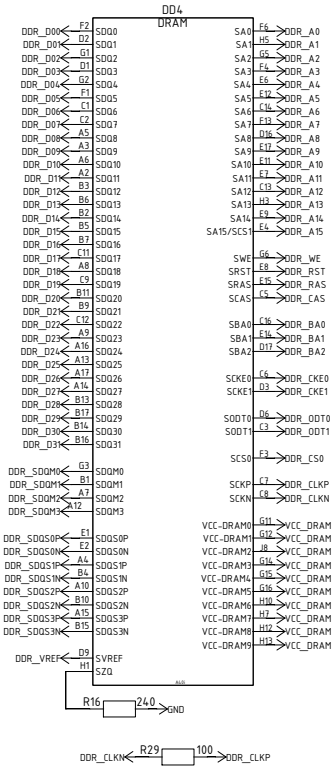

DD4
GPIOA
E1_RD3 L23
E1_RD2 M19
E1_RD1 M23
E1_RD0 M22
E1_TD3 M21
E1_TD2 M20
E1_TD1 M24
E1_TD0 N24
E1_RXCLK N23
E1_RXER N22
E1_RXDV N21
E1_MDC N20
E1_MDIO N19
E1_TXEN P23
E1_TXCLK P22
E1_CRS R22
CAN_TX R21
CAN_RX R20
VCC_3V3 L17
PA0/ERXD3/SPI1_CS0/UART2_RTS/GRXD3
PA1/ERXD2/SPI1_CLK/UART2_CTS/GRXD2
PA2/ERXD1/SPI1_MOSI/UART2_TX/GRXD1
PA3/ERXD0/SPI1_MISO/UART2_RX/GRXD0
PA4/ETXD3/SPI1_CS1/GTXD3
PA5/ETXD2/SPI3_CS0/GTXD2
PA6/ETXD1/SPI3_CLK/GTXD1
PA7/ETXD0/SPI3_MOSI/GTXD0
PA8/ERXCK/SPI3_MISO/GRXCK
PA9/ERXERR/SPI3_CS1/GNULL/ERXERR/I2S1_MCLK
PA10/ERXDV/UART1_TX/GRXCTL/RXDV
PA11/EMDC/UART1_RX/GMDC
PA12/EMDIO/UART6_TX/UART1_RTS/GMDIO
PA13/ETXEN/UART6_RX/UART1_CTS/GTXCTL/ETXEN
PA14/ETXCK/UART7_TX/UART1_DTR/GNULL/ETXCK/I2S1_BCLK
PA15/ECRS/UART7_RX/UART1_DSR/GTXCK/ECRS/I2S1_LRCK
PA16/ECOL/CAN_TX/UART1_DCD/GCLKIN/ECOL/I2S1_DO
PA17/ETXERR/CAN_RX/UART1_RING/GNULL/ETXERR/I2S1_DI
VCC-PA
DD4
GPIOE
AA17 PE0/TS0_CLK/CSI0_PCLK
Y17 PE1/TS0_ERR/CSI0_MCLK
W17 PE2/TS0_SYNC/CSI0_HSYNC
W19 PE3/TS0_DVLD/CSI0_VSYNC
Y19 PE4/TS0_D0/CSI0_D0
AA19 PE5/TS0_D1/CSI0_D1
AB19 PE6/TS0_D2/CSI0_D2
AC19 PE7/TS0_D3/CSI0_D3
AD19 PE8/TS0_D4/CSI0_D4
AD20 PE9/TS0_D5/CSI0_D5
AB20 PE10/TS0_D6/CSI0_D6
AC20 PE11/TS0_D7/CSI0_D7
VCC_3V3 U17
VCC-PE
DD4
GPIOF
AA11 PF0/SDC0_D1/JTAG_MS1
Y11 PF1/SDC0_D0/JTAG_DI1
W11 PF2/SDC0_CLK/UART0_TX
AA13 PF3/SDC0_CMD/JTAG_DO1
Y13 PF4/SDC0_D3/UART0_RX
W13 PF5/SDC0_D2/JTAG_CK1
VCC_3V3 T12
VCC-PF
DD4
GPIOG
AA20 PG0/TS1_CLK/CSI1_PCLK/SDC1_CMD
Y20 PG1/TS1_ERR/CSI1_MLCK/SDC1_CLK
AB21 PG2/TS1_SYNC/CSI1_HSYNC/SDC1_D0
AC21 PG3/TS1_DVLD/CSI1_VSYNC/SDC1_D1
AB22 PG4/TS1_D0/CSI1_D0/SDC1_D2/CSI0_D8
AC22 PG5/TS1_D1/CSI1_D1/SDC1_D3/CSI0_D9
AD22 PG6/TS1_D2/CSI1_D2/UART3_TX/CSI0_D10
AD23 PG7/TS1_D3/CSI1_D3/UART3_RX/CSI0_D11
AC23 PG8/TS1_D4/CSI1_D4/UART3_RTS/CSI0_D12
AC24 PG9/TS1_D5/CSI1_D5/UART3_CTS/CSI0_D13/BIST_RESULT0
AB23 PG10/TS1_D6/CSI1_D6/UART4_TX/CSI0_D14/BIST_RESULT1
AB24 PG11/TS1_D7/CSI1_D7/UART4_RX/CSI0_D15
UART3_TX
UART3_RX
VCC_3V3 T17
VCC-PG
DD4
GPIOB/H/I
PMIC_SCK L22
PMIC_SDA K22
PB2_PWM0 K23
PB18_TWI1SCK G23
PB19_TWI1SDA G24
UART0_TX F22
UART0_RX F23
PB0/TWI0_SCK
PB1/TWI0_SDA
PB2/PWM0
PB3/PWM1/SPDIF_MCLK/STANBYWFI
PB4/IR0_RX
PB5/I2S_MCLK/AC97_MCLK
PB6/I2S_BCLK/AC97_BCLK
PB7/I2S_LRCK/AC97_SYNC
PB8/I2S_DO0/AC97_DO
PB9/I2S_DO1/PWM6
PB10/I2S_DO2/PWM7
PB11/I2S_DO3
PB12/I2S_DI/AC97_DI/SPDIF_DI
PB13/SPI2_CS1/SPDIF_DO
PB14/SPI2_CS0/JTAG_MS0
PB15/SPI2_CLK/JTAG_CK0
PB16/SPI2_MOSI/JTAG_DO0
PB17/SPI2_MISO/JTAG_DI0
PB18/TWI1_SCK
PB19/TWI1_SDA
PB20/TWI2_SCK/PWM4
PB21/TWI2_SDA/PWM5
PB22/UART0_TX
PB23/UART0_RX/IR1_RX
PI0/TWI3_SCK AA22
PI1/TWI3_SDA AA23
PI2/TWI4_SCK AA24
PI3/PWM1/TWI4_SDA Y22
PI4/SDC3_CMD Y23
PI5/SDC3_CLK W22
PI6/SDC3_D0 W23
PI7/SDC3_D1 W24
PI8/SDC3_D2 W20
PI9/SDC3_D3 V22
PI10/SPI0_CS0/UART5_TX/EINT22 V23
PI11/SPI0_CLK/UART5_RX/EINT23 V24
PI12/SPI0_MOSI/UART6_TX/CLK_OUT_A/EINT24 U18
PI13/SPI0_MISO/UART6_RX/CLK_OUT_B/EINT25 V21
PI14/SPI0_CS1/PS2_SCK1/TCLKIN0/EINT26 U23
PI15/SPI1_CS1/PS2_SDA1/TCLKIN1/EINT27 U22
PI16/SPI1_CS0/UART2_RTS/EINT28 T19
PI17/SPI1_CLK/UART2_CTS/EINT29 T23
PI18/SPI1_MOSI/UART2_TX/EINT30 T24
PI19/SPI1_MISO/UART2_RX/EINT31 T22
PI20/PS2_SCK0/UART7_TX/HSCL/PWM2 T21
PI21/PS2_SDA0/UART7_RX/HSDA/PWM3 R23
I2C3_SCK
I2C3_SDA
SD_CMD
SD_CLK
SD_D0
SD_D1
SD_D2
SD_D3
UART5_TX
UART5_RX
PI12
PI13
SPI1_CS1
SPI1_CS0
SPI1_CLK
SPI1_MOSI
SPI1_MISO
UART7_TX
UART7_RX
PH0/LCD1_D0/UART3_TX/EINT0/CSI1_D0
PH1/LCD1_D1/UART3_RX/EINT1/CSI1_D1
PH2/LCD1_D2/UART3_RTS/EINT2/CSI1_D2
PH3/LCD1_D3/UART3_CTS/EINT3/CSI1_D3
PH4/LCD1_D4/UART4_TX/EINT4/CSI1_D4
PH5/LCD1_D5/UART4_RX/EINT5/CSI1_D5
PH6/LCD1_D6/UART5_TX/MS_BS/EINT6/CSI1_D6
PH7/LCD1_D7/UART5_RX/MS_CLK/EINT7/CSI1_D7
PH8/LCD1_D8/ERXD3/KP_IN0/MS_D0/EINT8/CSI1_D8
PH9/LCD1_D9/ERXD2/KP_IN1/MS_D1/EINT9/CSI1_D9
PH10/LCD1_D10/ERXD1/KP_IN2/MS_D2/EINT10/CSI1_D10
PH11/LCD1_D11/ERXD0/KP_IN3/MS_D3/EINT11/CSI1_D11
PH12/LCD1_D12/PS2_SCK1/EINT12/CSI1_D12
PH13/LCD1_D13/PS2_SDA1/SMC_RST/EINT13/CSI1_D13
PH14/LCD1_D14/ETXD3/KP_IN4/SMC_VPPEN/EINT14/CSI1_D14
PH15/LCD1_D15/ETXD2/KP_IN5/SMC_VPPPP/EINT15/CSI1_D15
PH16/LCD1_D16/ETXD1/KP_IN6/SMC_DET/EINT16/CSI1_D16
PH17/LCD1_D17/ETXD0/KP_IN7/SMC_VCCEN/EINT17/CSI1_D17
PH18/LCD1_D18/ERXCK/KP_OUT0/SMC_SLK/EINT18/CSI1_D18
PH19/LCD1_D19/ERXERR/KP_OUT1/SMC_SDA/EINT19/CSI1_D19
PH20/LCD1_D20/ERXDV/CAN_TX/EINT20/CSI1_D20
PH21/LCD1_D21/EMDC/CAN_RX/EINT21/CSI1_D21
PH22/LCD1_D22/EMDIO/KP_OUT2/SDC1_CMD/CSI1_D22
PH23/LCD1_D23/ETXEN/KP_OUT3/SDC1_CLK/CSI1_D23
PH24/LCD1_CLK/ETXCK/KP_OUT4/SDC1_D0/CSI1_PCLK
PH25/LCD1_DE/ECRS/KP_OUT5/SDC1_D1/CSI1_FIELD
PH26/LCD1_HSYNC/ECOL/KP_OUT6/SDC1_D2/CSI1_HSYNC
PH27/LCD1_VSYNC/ETXERR/KP_OUT7/SDC1_D3/CSI1_VSYNC
UART4_TX
UART4_RX
E0_RD3 B23
E0_RD2 A23
E0_RD1 A22
E0_RD0 C21
E0_RESET D22
E1_RESET C22
E0_TD3 B21
E0_TD2 A21
E0_TD1 D21
E0_TD0 D18
E0_RXCLK C18
E0_RXER E19
E0_RXDV F18
E0_MDC D19
E0_MDIO G17
E0_TXEN C19
E0_TXCLK B18
E0_CRS E18
E0_COL A18
B19
DD4
GPIOD
M2 PD0/LCD0_D0/LVDS0_VP0
M1 PD1/LCD0_D1/LVDS0_VN0
N2 PD2/LCD0_D2/LVDS0_VP1
M3 PD3/LCD0_D3/LVDS0_VN1
P1 PD4/LCD0_D4/LVDS0_VP2
P2 PD5/LCD0_D5/LVDS0_VN2
R1 PD6/LCD0_D6/LVDS0_VPC
P3 PD7/LCD0_D7/LVDS0_VNC
R2 PD8/LCD0_D8/LVDS0_VP3
R3 PD9/LCD0_D9/LVDS0_VN3
L5 PD10/LCD0_D10/LVDS1_VP0
L4 PD11/LCD0_D11/LVDS1_VN0
L3 PD12/LCD0_D12/LVDS1_VP1
M6 PD13/LCD0_D13/LVDS1_VN1
N3 PD14/LCD0_D14/LVDS1_VP2
N4 PD15/LCD0_D15/LVDS1_VN2
P5 PD16/LCD0_D16/LVDS1_VPC
P4 PD17/LCD0_D17/LVDS1_VNC
R5 PD18/LCD0_D18/LVDS1_VP3
R6 PD19/LCD0_D19/LVDS1_VN3
T2 PD20/LCD0_D20/CSI1_MCLK
U1 PD21/LCD0_D21/SMC_VPPEN
U2 PD22/LCD0_D22/SMC_VPPPP
T3 PD23/LCD0_D23/SMC_DET
T4 PD24/LCD0_CLK/SMC_VCCEN
T5 PD25/LCD0_DE/SMC_RST
U5 PD26/LCD0_HSYNC/SMC_SLK
U6 PD27/LCD0_VSYNC/SMC_SDA
VERSION1
VCC_3V3
N7 VCC-PD0
N8 VCC-PD1
C46 0.1u
GND
R35 DNP
VERSION1
GND
DD4
HDMI/DSI/SATA/TV
AD5 HTX0P
AC5 HTX0N
AD6 HTX1P
AC6 HTX1N
AD7 HTX2P
AC7 HTX2N
AD4 HTXCP
AC4 HTXCN
V9 HSCL
W9 HSDA
V10 HCEC
U11 HHPD
VCC_3V3 U8
VCC-HDMI
SATA-TXP AA9
SATA-TXM AB9
SATA-RXP AA8
SATA-RXM AB8
SATA-CLKP AB7
SATA-CLKM AA7
REXT-SATA W10
VDD-SATA T9
VDD25-SATA U9
VCC_SYS
GPIO0
TVIN0 W2
TVIN1 Y1
TVIN2 Y2
TVIN3 W3
TVOUT0 V1
TVOUT1 V2
TVOUT2 V3
TVOUT3 V4
TVIN0
L1 DSI-CKP
L2 DSI-CKN
J1 DSI-D0P
J2 DSI-D0N
K1 DSI-D1P
K2 DSI-D1N
J3 DSI-D2P
J4 DSI-D2N
K3 DSI-D3P
K4 DSI-D3N
VCC_3V3 L8
VCC-DSI
VRP-TVIN T10
VRN-TVIN U10
VCC-TVOUT P8
GND-TVOUT N9
VCC-TVIN P7
GND-TVIN P9
C30 DNP
C96 2.2u
C29 DNP
C92 2.2u
GND
ALDO1
C40 DNP
GND
DD4
USB/RTP/KEYADC/
AUDIO/SYS
USB0_DM AC8
USB0_DP AD8
USB1_DM AC9
USB1_DP AD9
AA10
AB10
USB0-DM
USB0-DP
USB1-DM
USB1-DP
USB2-DM
USB2-DP
VCC-USB
VCC_3V3 T11
C45 0.1u
GND
ADC AA6
AB6
AB5
AB4
TPX1
TPX2
TPY1
TPY2
AD3 KEYADC0
AA4 KEYADC1
AD11 X24MIN
AC11 X24MOUT
A20 X32KIN
B20 X32KOUT
C99 22p
Z03 24M
R37 2.2M
R36 0
C98 22p
C63 22p
ZQ1 32768
R30 10M
C65 22p
GND
R17 4.5k
K7 JTAG-SEL
T13 VCC-PLL
R24 RESET
L7 FEL
U12 TEST
H16 RTC-VIO
H17 VCC-RTC
C20 NMI
M8 VDD-EFUSE
M7 VDD-EFUSEBP
VCC_RTC R39 5.1k FEL
C48 2.2u
C44 0.1u
LINEINL AA3
LINEINR AB2
MICIN1 AB3
MICIN2 AD2
PHONEOUTP V6
PHONEOUTN V5
HPOUTL AA2
HPOUTR AA1
VRP T8
VRA2 T7
VRA1 R8
VMIC AC3
FMINL AC1
FMINR AC2
AVCC R7
AGND V7
VCC-HP R9
GND-HP V8
HPCOMFB W4
HPCOM Y3
HPBP W8
HPOUTL
VMIC
ALDO3
VCC_3V3
C43 10u
GND
C32 2.2u
C31 10u
C34 10u
C33 DNP
C39 10u
R7 200k
C42 2.2u
FEL
J1
GND


DD4
DRAM
DDR_D00
DDR_D01
DDR_D02
DDR_D03
DDR_D04
DDR_D05
DDR_D06
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DDR_D08
DDR_D09
DDR_D10
DDR_D11
DDR_D12
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DDR_D24
DDR_D25
DDR_D26
DDR_D27
DDR_D28
DDR_D29
DDR_D30
DDR_D31
DDR_SDQM0
DDR_SDQM1
DDR_SDQM2
DDR_SDQM3
DDR_SDQS0P
DDR_SDQS0N
DDR_SDQS1P
DDR_SDQS1N
DDR_SDQS2P
DDR_SDQS2N
DDR_SDQS3P
DDR_SDQS3N
DDR_VREF
SDQ0
SDQ1
SDQ2
SDQ3
SDQ4
SDQ5
SDQ6
SDQ7
SDQ8
SDQ9
SDQ10
SDQ11
SDQ12
SDQ13
SDQ14
SDQ15
SDQ16
SDQ17
SDQ18
SDQ19
SDQ20
SDQ21
SDQ22
SDQ23
SDQ24
SDQ25
SDQ26
SDQ27
SDQ28
SDQ29
SDQ30
SDQ31
SDQM0
SDQM1
SDQM2
SDQM3
SDQS0P
SDQS0N
SDQS1P
SDQS1N
SDQS2P
SDQS2N
SDQS3P
SDQS3N
SVREF
SZQ
SA0
SA1
SA2
SA3
SA4
SA5
SA6
SA7
SA8
SA9
SA10
SA11
SA12
SA13
SA14
SA15/SCS1
SWE
SRST
SRAS
SCAS
SBA0
SBA1
SBA2
SCKE0
SCKE1
SODT0
SODT1
SCS0
SCKP
SCKN
VCC-DRAM0
VCC-DRAM1
VCC-DRAM2
VCC-DRAM3
VCC-DRAM4
VCC-DRAM5
VCC-DRAM6
VCC-DRAM7
VCC-DRAM8
VCC-DRAM9
DDR_A0
DDR_A1
DDR_A2
DDR_A3
DDR_A4
DDR_A5
DDR_A6
DDR_A7
DDR_A8
DDR_A9
DDR_A10
DDR_A11
DDR_A12
DDR_A13
DDR_A14
DDR_A15
DDR_WE
DDR_RST
DDR_RAS
DDR_CAS
DDR_BA0
DDR_BA1
DDR_BA2
DDR_CKE0
DDR_CKE1
DDR_ODT0
DDR_ODT1
DDR_CS0
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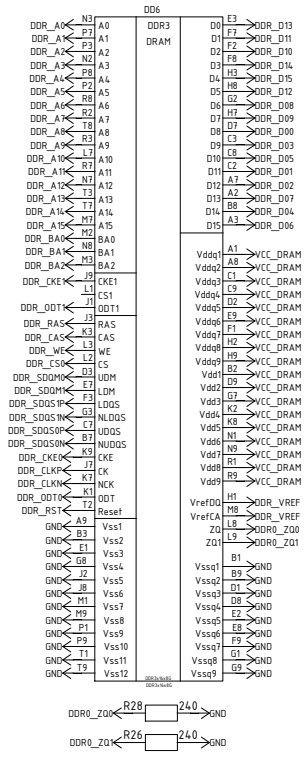
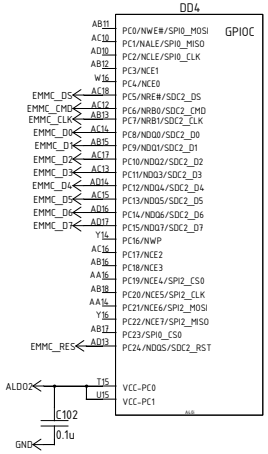
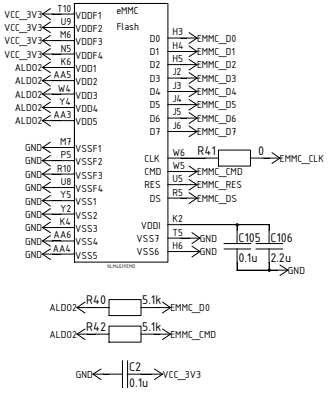
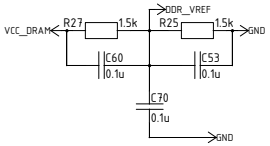
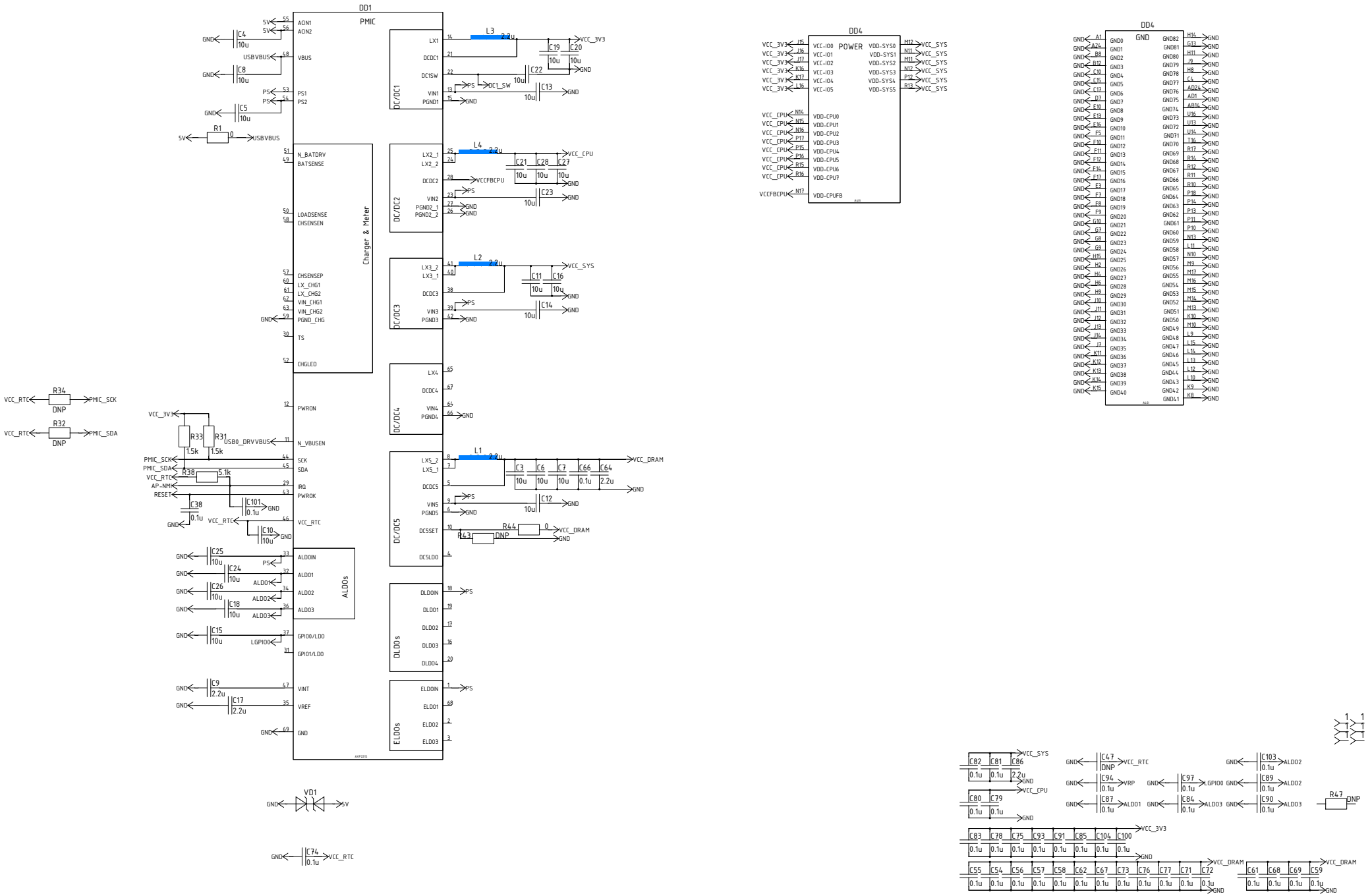
DDR_CLKN
VCC_DRAM
R16
240
GND
DDR_CLKN
R29
100
DDR_CLKP


DD6
DDR3
DRAM
DDR_A0
DDR_A1
DDR_A2
DDR_A3
DDR_A4
DDR_A5
DDR_A6
DDR_A7
DDR_A8
DDR_A9
DDR_A10
DDR_A11
DDR_A12
DDR_A13
DDR_A14
DDR_A15
DDR_BA0
DDR_BA1
DDR_BA2
DDR_CKE1
DDR_ODT1
DDR_RAS
DDR_CAS
DDR_WE
DDR_CS1
DDR_SDQM0
DDR_SDQM1
DDR_SDQS1P
DDR_SDQS1N
DDR_SDQS0P
DDR_SDQS0N
DDR_CKE0
DDR_CLKP
DDR_CLKN
DDR_ODT0
DDR_RST
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
A15
BA0
BA1
BA2
CKE1
CS1
ODT1
RAS
CAS
WE
CS
UDM
LDM
LDQS
NLDQS
UDQS
NUDQS
CKE
CK
NCK
ODT
Reset
Vss1
Vss2
Vss3
Vss4
Vss5
Vss6
Vss7
Vss8
Vss9
Vss10
Vss11
Vss12
D0
D1
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
D14
D15
DDR_D13
DDR_D11
DDR_D10
DDR_D14
DDR_D15
DDR_D12
DDR_D08
DDR_D09
DDR_D00
DDR_D03
DDR_D05
DDR_D01
DDR_D02
DDR_D07
DDR_D04
DDR_D06
Vddq1
Vddq2
Vddq3
Vddq4
Vddq5
Vddq6
Vddq7
Vddq8
Vddq9
Vdd1
Vdd2
Vdd3
Vdd4
Vdd5
Vdd6
Vdd7
Vdd8
Vdd9
VCC_DRAM
VrefDQ
VrefCA
ZQ
ZQ1
DDR_VREF
DDR0_ZQ0
DDR0_ZQ1
Vssq1
Vssq2
Vssq3
Vssq4
Vssq5
Vssq6
Vssq7
Vssq8
Vssq9
GND
DDR0_ZQ0
R28
240
GND
DDR0_ZQ1
R26
240
GND


DD4
GPIOC
PC0/NWE#/SPI0_MOSI
PC1/NALE/SPI0_MISO
PC2/NCLE/SPI0_CLK
PC3/NCE1
PC4/NCE0
PC5/NRE#/SDC2_DS
PC6/NRB0/SDC2_CMD
PC7/NRB1/SDC2_CLK
PC8/ND00/SDC2_D0
PC9/ND01/SDC2_D1
PC10/ND02/SDC2_D2
PC11/ND03/SDC2_D3
PC12/ND04/SDC2_D4
PC13/ND05/SDC2_D5
PC14/ND06/SDC2_D6
PC15/ND07/SDC2_D7
PC16/NWP
PC17/NCE2
PC18/NCE3
PC19/NCE4/SPI2_CS0
PC20/NCE5/SPI2_CLK
PC21/NCE6/SPI2_MOSI
PC22/NCE7/SPI2_MISO
PC23/SPI0_CS0
PC24/NDQS/SDC2_RST
EMMC_DS
EMMC_CMD
EMMC_CLK
EMMC_D0
EMMC_D1
EMMC_D2
EMMC_D3
EMMC_D4
EMMC_D5
EMMC_D6
EMMC_D7
EMMC_RES
VCC-PC0
VCC-PC1
ALDO2
C102
0.1u
GND


DD2
eMMC
Flash
VCC_3V3
ALDO2
GND
VDDF1
VDDF2
VDDF3
VDDF4
VDD1
VDD2
VDD3
VDD4
VDD5
VSSF1
VSSF2
VSSF3
VSSF4
VSS1
VSS2
VSS3
VSS4
VSS5
D0
D1
D2
D3
D4
D5
D6
D7
CLK
CMD
RES
DS
VDDI
VSS7
VSS6
EMMC_D0
EMMC_D1
EMMC_D2
EMMC_D3
EMMC_D4
EMMC_D5
EMMC_D6
EMMC_D7
R41
0
EMMC_CLK
EMMC_CMD
EMMC_RES
EMMC_DS
C105
0.1u
C106
2.2u
R40
5.1k
R42
5.1k
C2
0.1u


VCC_DRAM
R27
1.5k
DDR_VREF
R25
1.5k
GND
C60
0.1u
C53
0.1u
C70
0.1u
GND


DD1
PMIC
ACIN1
ACIN2
VBUS
PS1
PS2
N_BATDRV
BATSENSE
LOADSENSE
CHSENSEN
CHSENSEP
LX_CHG1
LX_CHG2
VIN_CHG1
VIN_CHG2
PGND_CHG
TS
CHGLED
PWRON
N_VBUSEN
SCK
SDA
IRQ
PWROK
VCC_RTC
ALDOIN
ALDO1
ALDO2
ALDO3
GPIO0/LDO
GPIO1/LDO
VINT
VREF
GND
Charger & Meter
ALDOs
DC/DC1
DC/DC2
DC/DC3
DC/DC4
DC/DC5
DLDOs
ELDOs
LX1
DCDC1
DC1SW
VIN1
PGND1
LX2_1
LX2_2
DCDC2
VIN2
PGND2_1
PGND2_2
LX3_2
LX3_1
DCDC3
VIN3
PGND3
LX4
DCDC4
VIN4
PGND4
LX5_2
LX5_1
DCDC5
VIN5
PGND5
DCSSET
DCSLDO
DLDOIN
DLDO1
DLDO2
DLDO3
DLDO4
ELDOIN
ELDO1
ELDO2
ELDO3
L3 2.2u
L4 2.2u
L2 2.2u
L1 2.2u
VCC_3V3
VCC_CPU
VCC_SYS
VCC_DRAM
VCCFBCPU
DC1_SW
PS
USBVBUS
USB0_DRVVBUS
PMIC_SCK
PMIC_SDA
AP-NMI
RESET
ALDO1
ALDO2
ALDO3
LGPIO0
R1 0
R31 1.5k
R33 1.5k
R38 5.1k
R43 DNP
R44 0
C38 0.1u
C101 0.1u
C10 10u
C25 10u
C24 10u
C26 10u
C18 10u
C15 10u
C9 2.2u
C17 2.2u
C4 10u
C8 10u
C5 10u
C19 10u
C20 10u
C22 10u
C13 10u
C21 10u
C28 10u
C27 10u
C23 10u
C11 10u
C16 10u
C14 10u
C3 10u
C6 10u
C7 10u
C66 0.1u
C64 2.2u
C12 10u
R34 DNP
R32 DNP
VD1
C74 0.1u
DD4
POWER
VCC_IO0
VCC_IO1
VCC_IO2
VCC_IO3
VCC_IO4
VCC_IO5
VDD_CPU0
VDD_CPU1
VDD_CPU2
VDD_CPU3
VDD_CPU4
VDD_CPU5
VDD_CPU6
VDD_CPU7
VDD_CPUFB
VDD_SYS0
VDD_SYS1
VDD_SYS2
VDD_SYS3
VDD_SYS4
VDD_SYS5
DD4
GND
C82 0.1u
C81 0.1u
C86 2.2u
C80 0.1u
C79 0.1u
C47 DNP
C94 0.1u
C87 0.1u
C97 0.1u
C84 0.1u
C103 0.1u
C89 0.1u
C90 0.1u
R47 DNP
C83 0.1u
C78 0.1u
C75 0.1u
C93 0.1u
C91 0.1u
C85 0.1u
C104 0.1u
C100 0.1u
C55 0.1u
C54 0.1u
C56 0.1u
C57 0.1u
C58 0.1u
C62 0.1u
C67 0.1u
C73 0.1u
C76 0.1u
C77 0.1u
C71 0.1u
C72 0.1u
C61 0.1u
C68 0.1u
C69 0.1u
C59 0.1u