Mini8510

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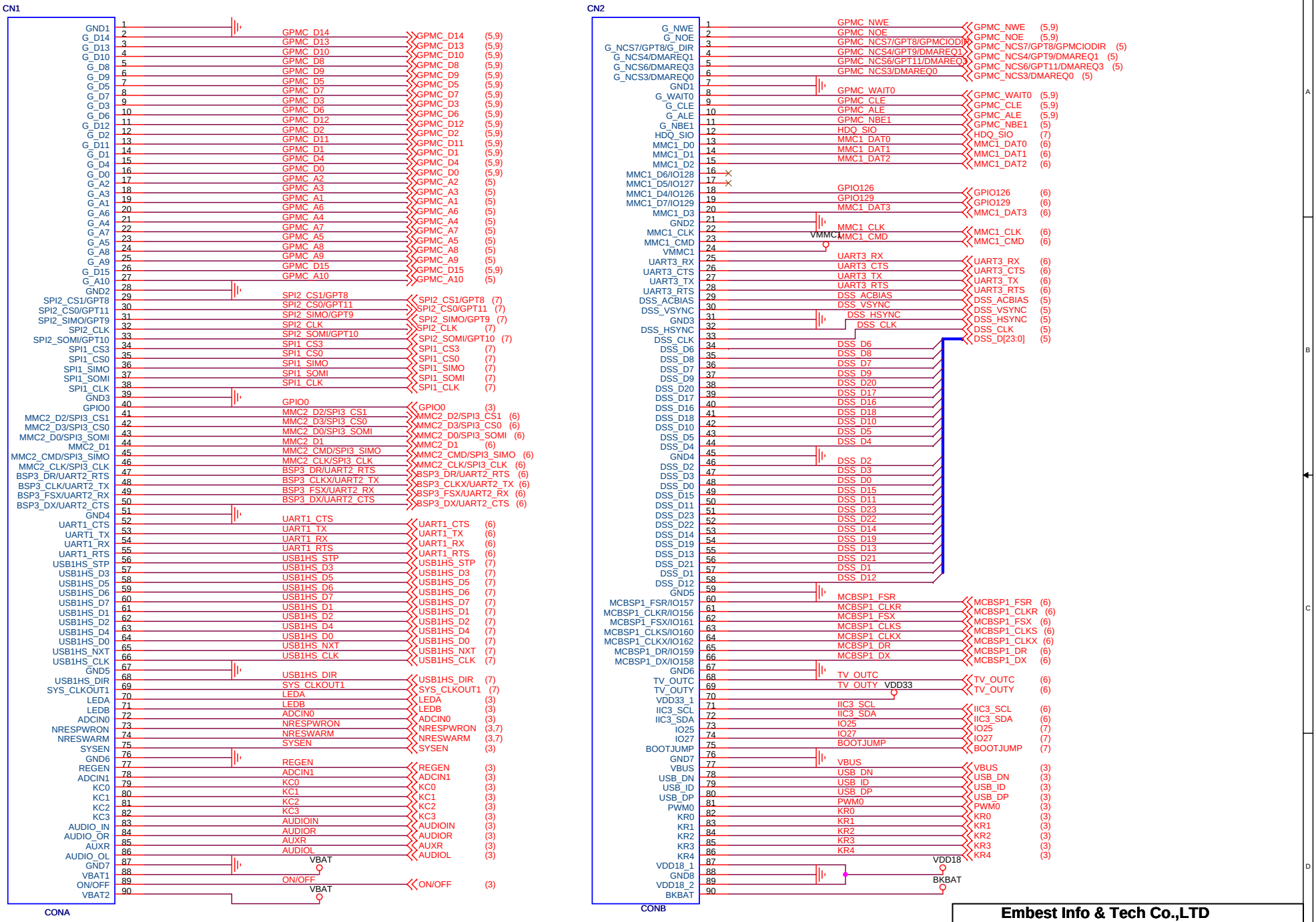
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G_D6 10
G_D12 11
G_D2 12
G_D11 13
G_D1 14
G_D4 15
G_D0 16
G_A2 17
G_A3 18
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G_A6 20
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NRESPWRON 73
NRESWARM 74
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GPMC_D9
GPMC_D5
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GPMC_D3
GPMC_D6
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GPMC_A3
GPMC_A1
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GPMC_A7
GPMC_A5
GPMC_A8
GPMC_A9
GPMC_D15
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SPI2_CS1/GPT8
SPI2_CS0/GPT11
SPI2_SIMO/GPT9
SPI2_CLK
SPI2_SOMI/GPT10
SPI1_CS3
SPI1_CS0
SPI1_SIMO
SPI1_SOMI
SPI1_CLK
GPIO0
MMC2_D2/SPI3_CS1
MMC2_D3/SPI3_CS0
MMC2_D0/SPI3_SOMI
MMC2_D1
MMC2_CMD/SPI3_SIMO
MMC2_CLK/SPI3_CLK
BSP3_DR/UART2_RTS
BSP3_CLKX/UART2_TX
BSP3_FSX/UART2_RX
BSP3_DX/UART2_CTS
UART1_CTS
UART1_TX
UART1_RX
UART1_RTS
USB1HS_STP
USB1HS_D3
USB1HS_D5
USB1HS_D6
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LEDB
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NRESWARM
SYSEN
REGEN
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KC1
KC2
KC3
AUDIOIN
AUDIOR
AUXR
AUDIOL
VBAT
ON/OFF
VBAT
CONA
CN2
G_NWE 1
G_NOE 2
G_NCS7/GPT8/G_DIR 3
G_NCS4/DMAREQ1 4
G_NCS6/DMAREQ3 5
G_NCS3/DMAREQ0 6
GND1 7
G_WAIT0 8
G_CLE 9
G_ALE 10
G_NBE1 11
HDQ_SIO 12
MMC1_D0 13
MMC1_D1 14
MMC1_D2 15
MMC1_D6/IO128 16
MMC1_D5/IO127 17
MMC1_D4/IO126 18
MMC1_D7/IO129 19
MMC1_D3 20
GND2 21
MMC1_CLK 22
MMC1_CMD 23
VMMC1 24
UART3_RX 25
UART3_CTS 26
UART3_TX 27
UART3_RTS 28
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DSS_VSYNC 30
GND3 31
DSS_HSYNC 32
DSS_CLK 33
DSS_D6 34
DSS_D8 35
DSS_D7 36
DSS_D9 37
DSS_D20 38
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DSS_D5 43
DSS_D4 44
GND4 45
DSS_D2 46
DSS_D3 47
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DSS_D11 50
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DSS_D14 53
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VBUS 77
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USB_DP 80
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KR0 82
KR1 83
KR2 84
KR3 85
KR4 86
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GND8 88
VDD18_2 89
BKBAT 90
GPMC_NWE
GPMC_NOE
GPMC_NCS7/GPT8/GPMCIODIR
GPMC_NCS4/GPT9/DMAREQ1
GPMC_NCS6/GPT11/DMAREQ3
GPMC_NCS3/DMAREQ0
GPMC_WAIT0
GPMC_CLE
GPMC_ALE
GPMC_NBE1
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GPIO129
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UART3_CTS
UART3_TX
UART3_RTS
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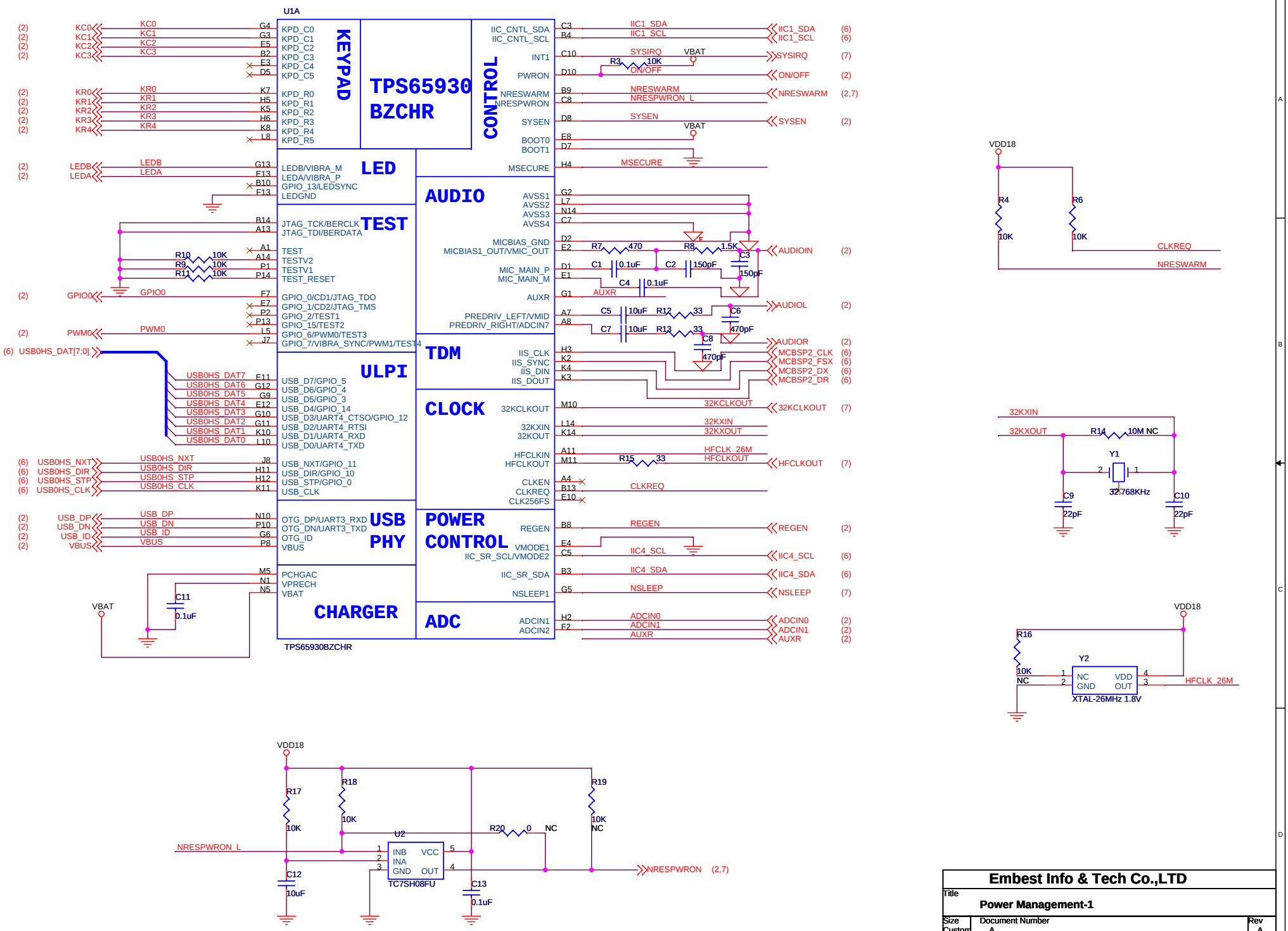

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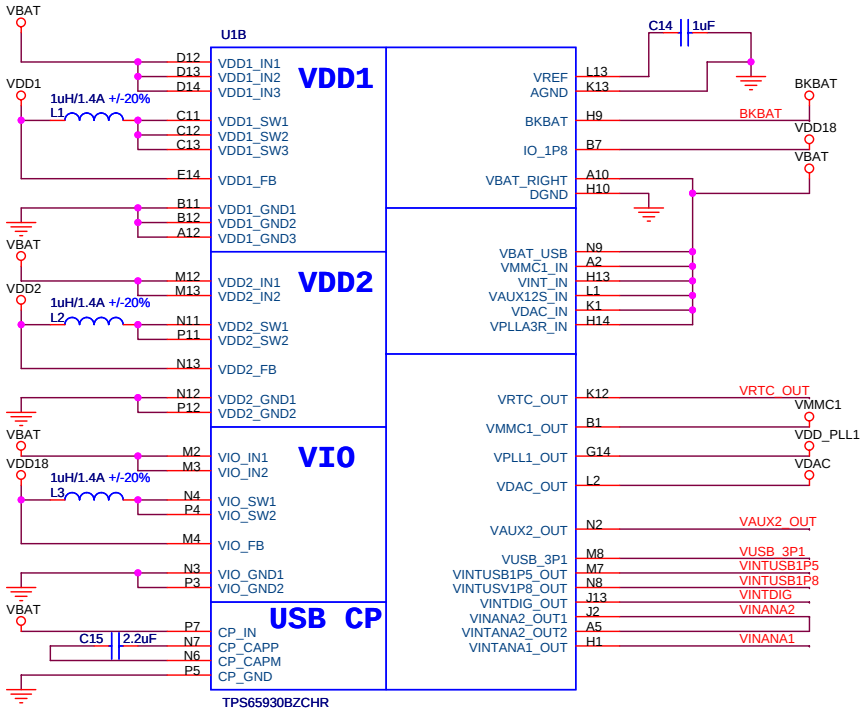
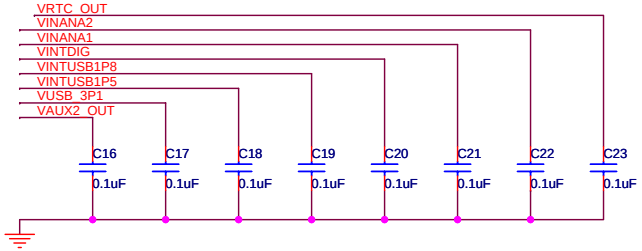
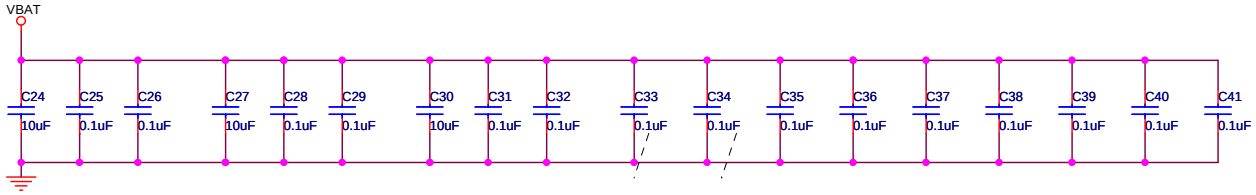
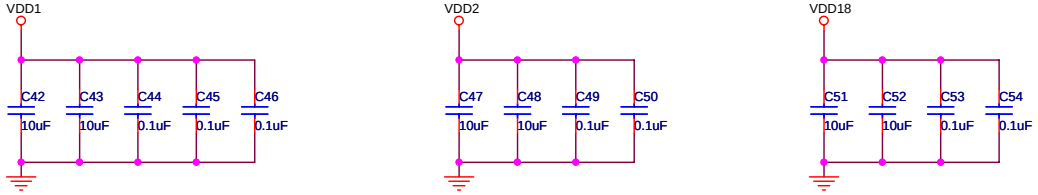
Name	Usage	Type	Voltage Range (V)	Default Voltage	Maximum Current
VAUX2	External	LDO	1.3, 1.5, 1.7, 1.8, 1.9, 2.0, 2.1, 2.2, 2.3, 2.4, 2.5, 2.8	1.8 V	100 mA
VMMC1	External	LDO	1.85, 2.85, 3.0, 3.15	3.0 V	220 mA
VPLL1	External	LDO	1.0, 1.2, 1.3, 1.8, 2.8, 3.0	1.8 V	40 mA
VDAC	External	LDO	1.2, 1.3, 1.8	1.8 V	70 mA
VIO	External	SMPS	1.8, 1.85	1.8 V	600 mA
VDD1	External	SMPS	0.6 ... 1.45	1.2 V	1100 mA
VDD2	External	SMPS	0.6 ... 1.5	1.2 V	600 mA
VINTANA1	Internal	LDO	1.5	1.5 V	50 mA
VINTANA2	Internal	LDO	2.5, 2.75	2.75 V	150 mA
VINTDIG	Internal	LDO	1.0, 1.2, 1.3, 1.5	1.5 V	100 mA
USBCP	Internal	Charge pump	5	5 V	100 mA
VUSB1V5	Internal	LDO	1.5	1.5 V	30 mA
VUSB1V8	Internal	LDO	1.8	1.8 V	30 mA
VUSB3V1	Internal	LDO	3.1	3.1 V	15 mA
VRRTC	Internal	LDO	1.5	1.5 V	30 mA
VBRTC	Internal	LDO	1.3	1.3 V	100 µA









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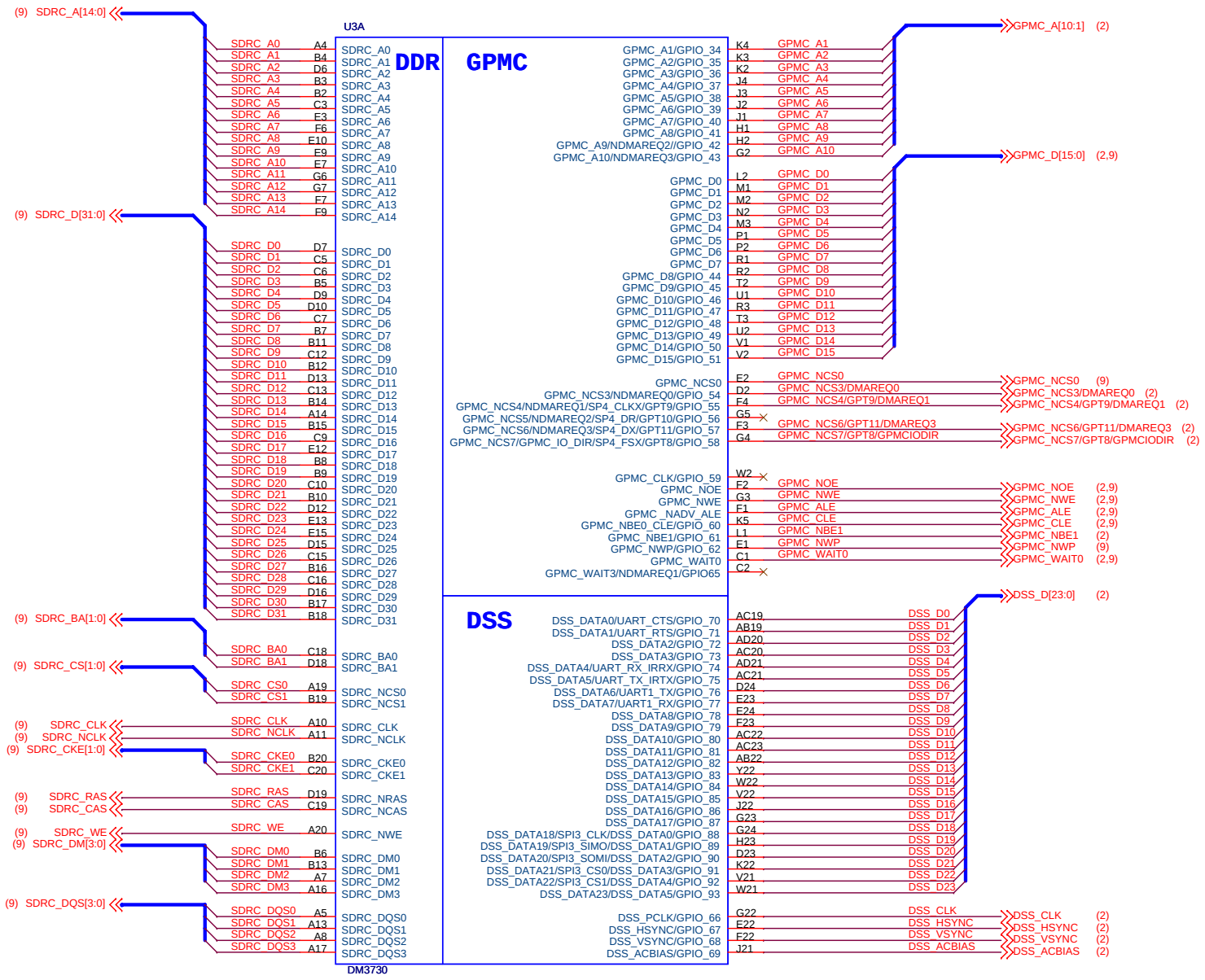

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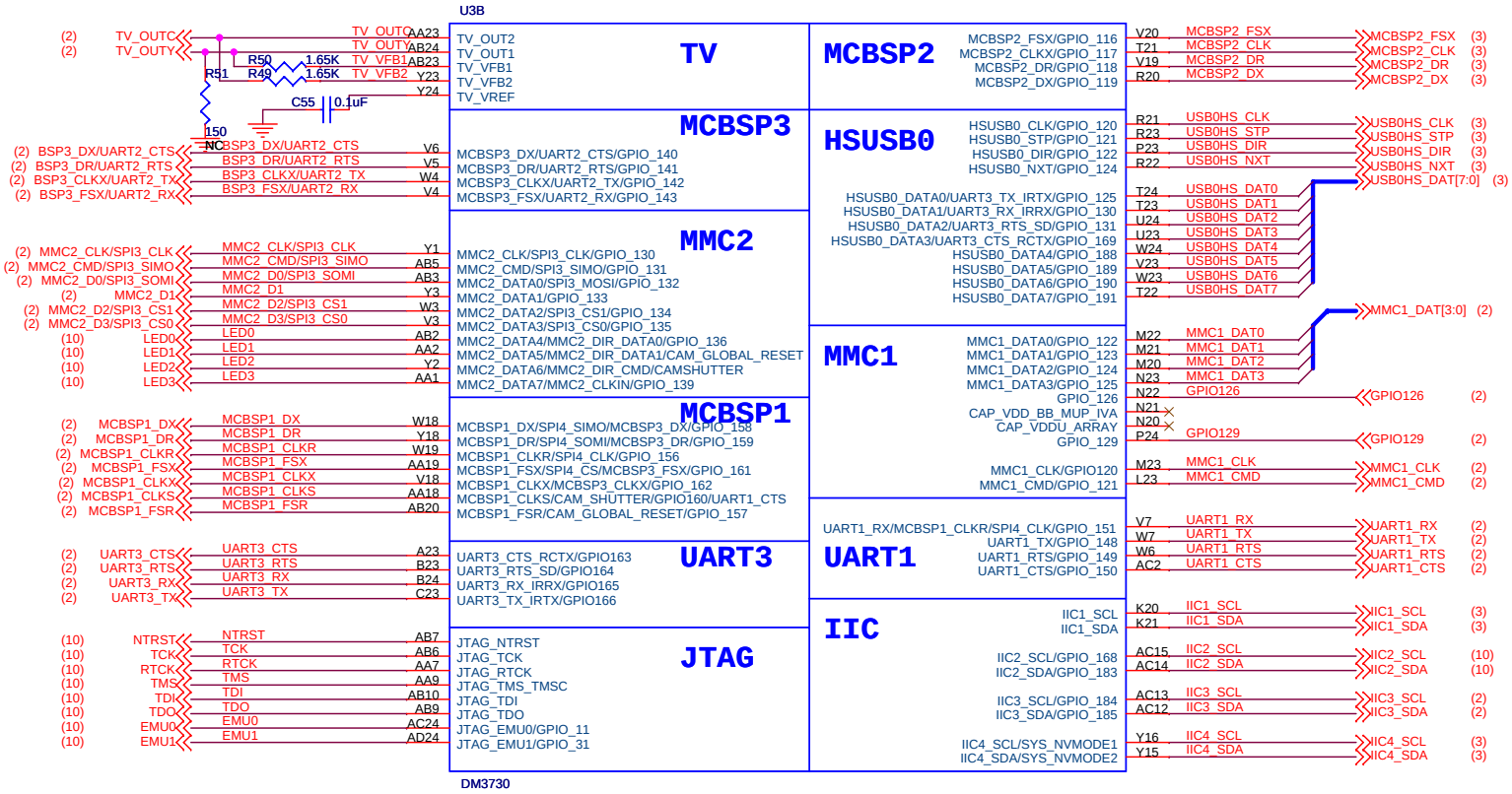

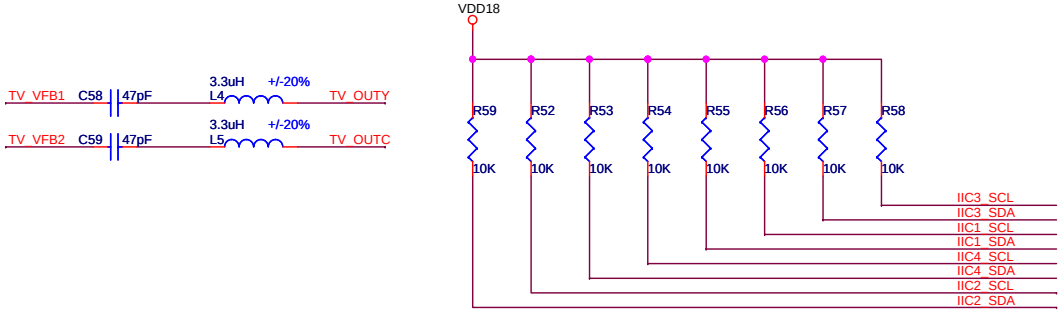

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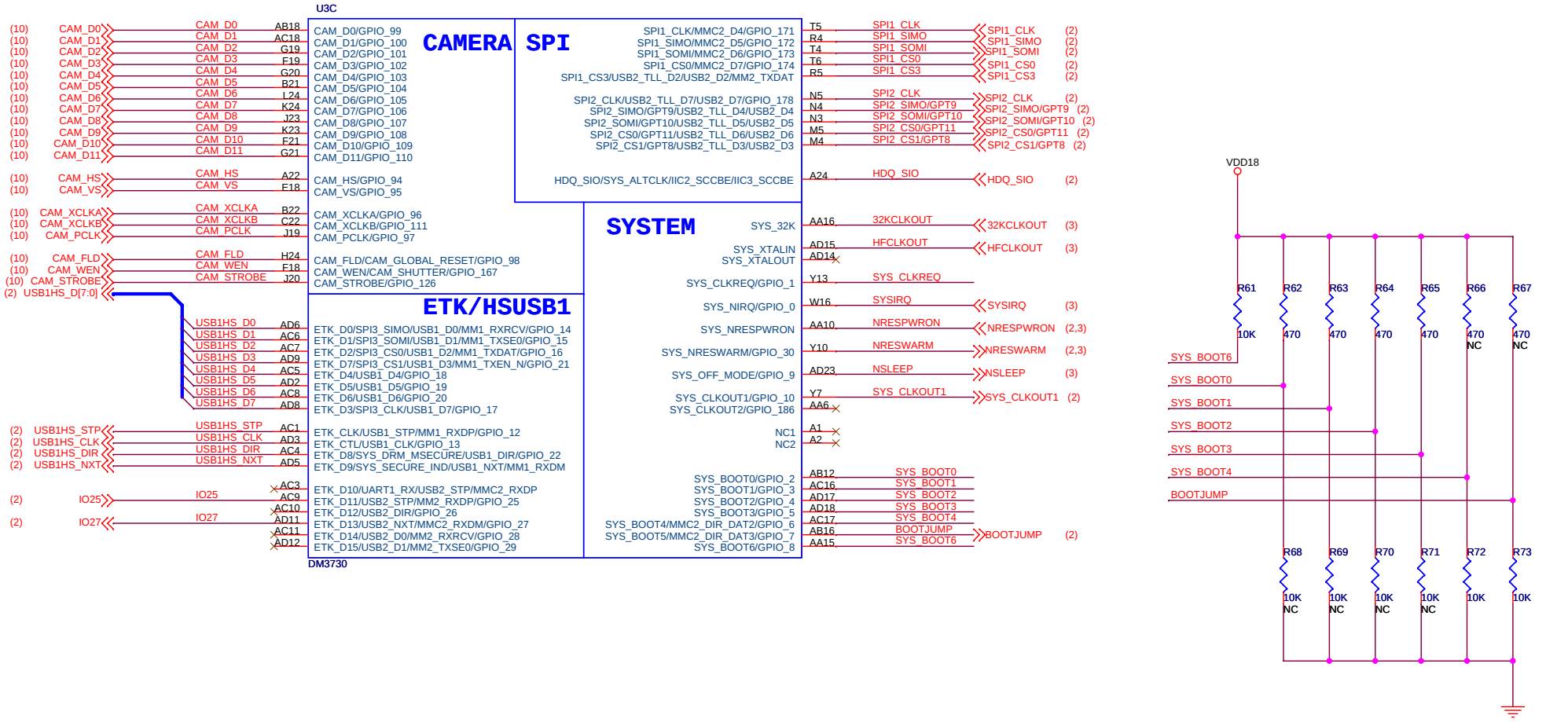

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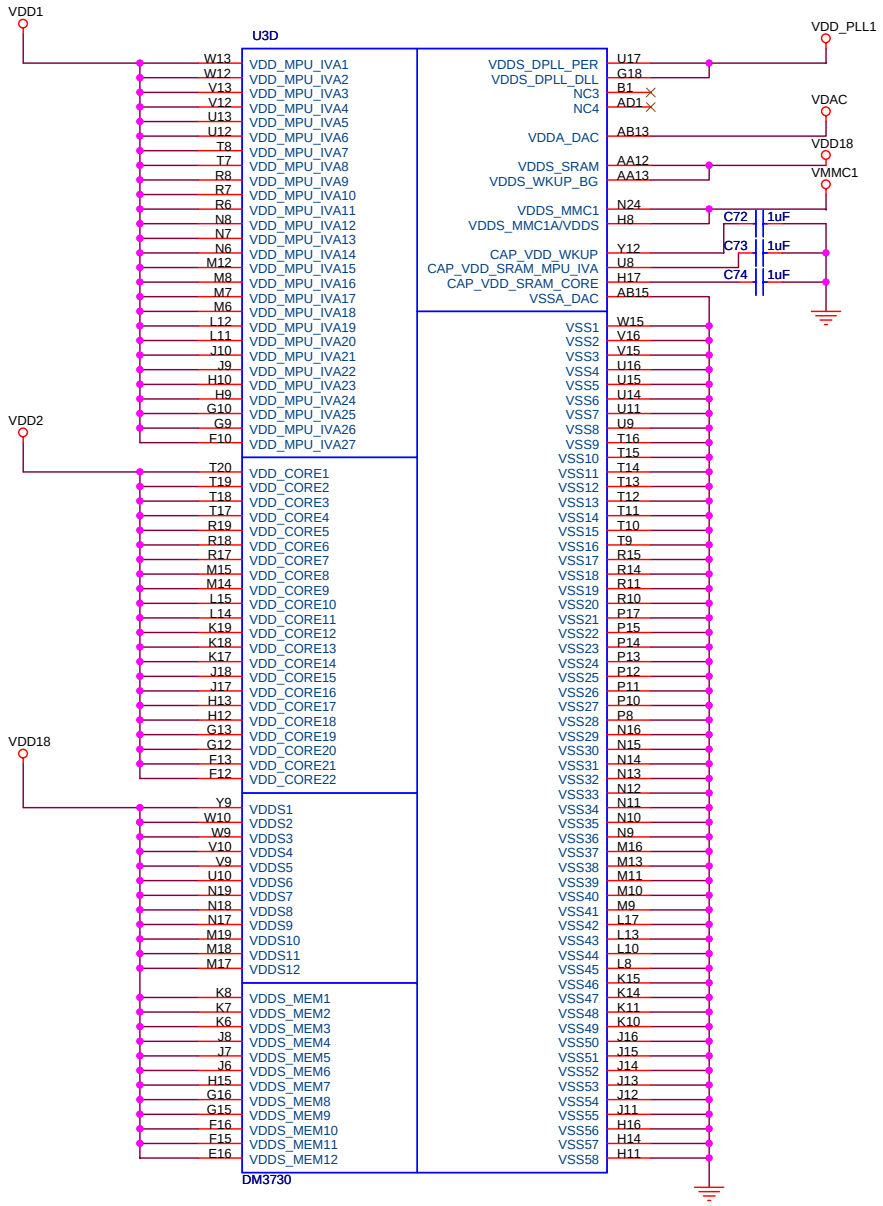

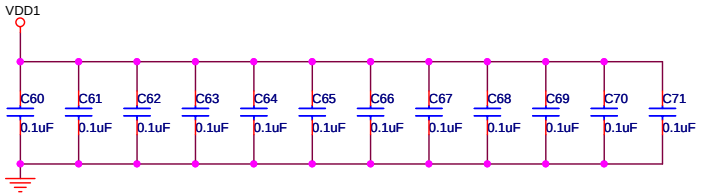

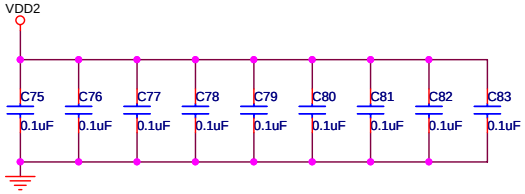

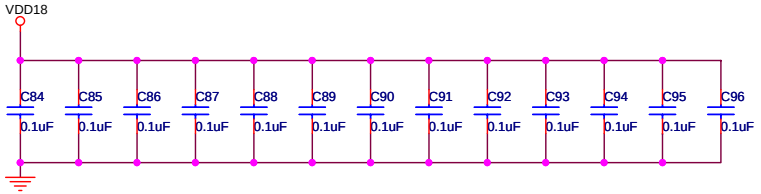

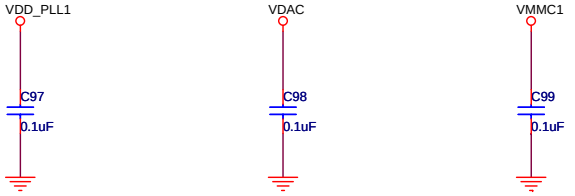

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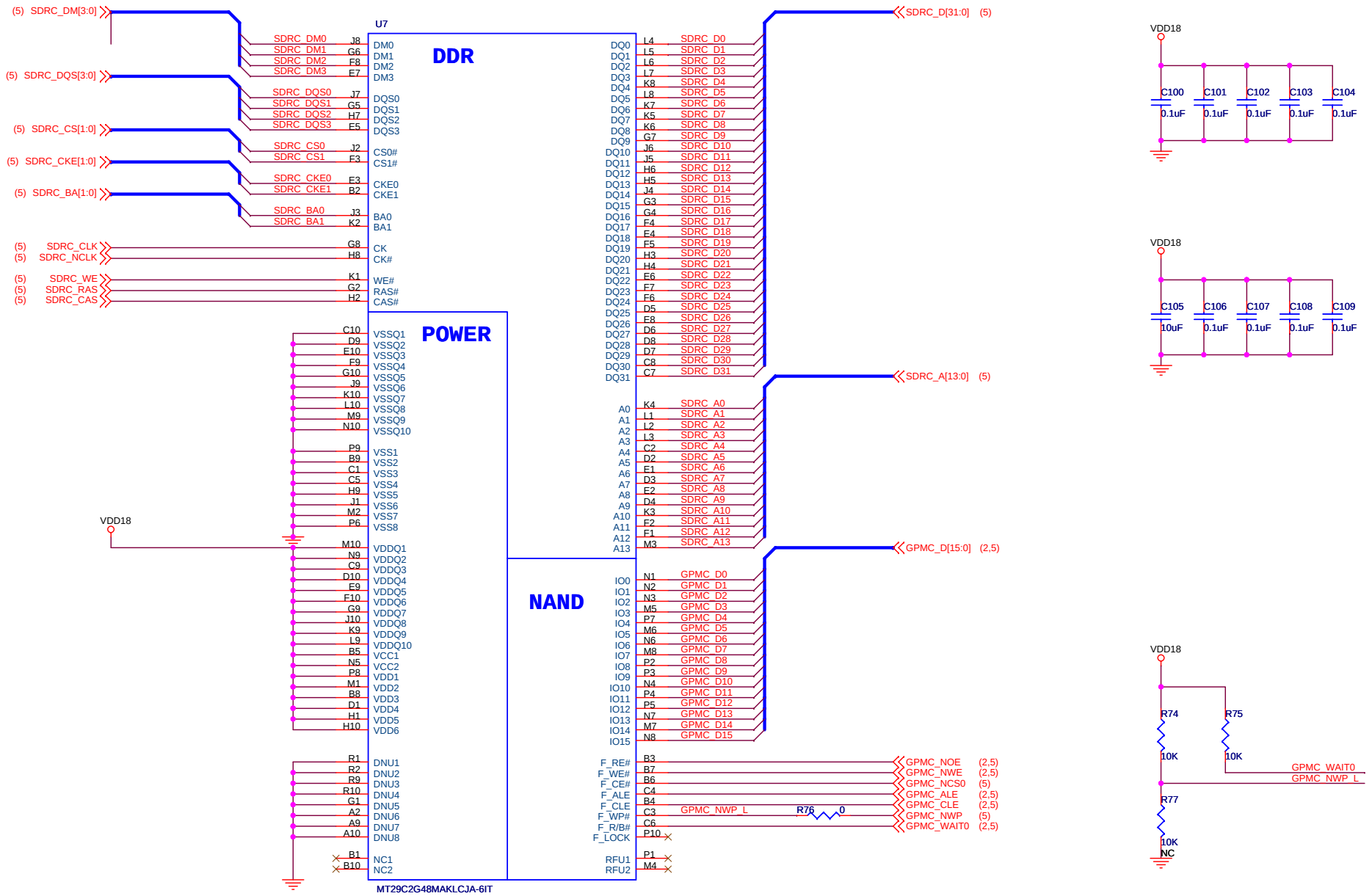

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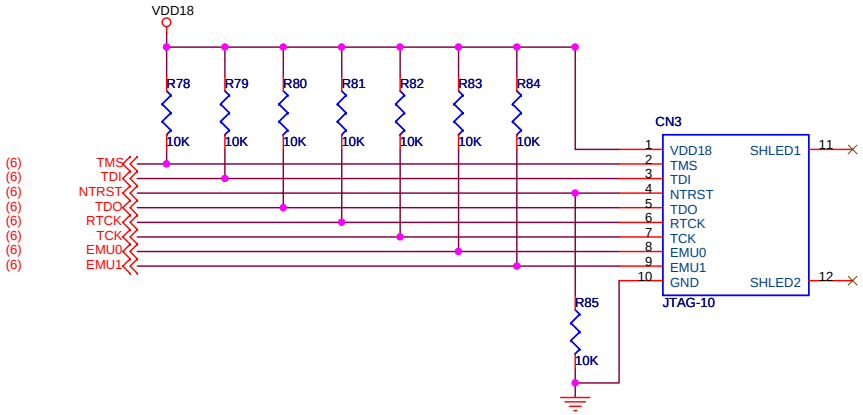
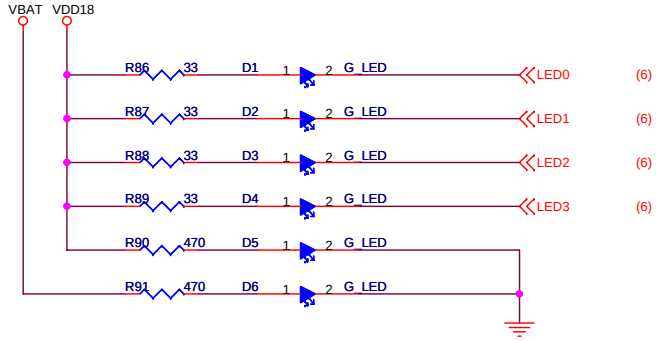
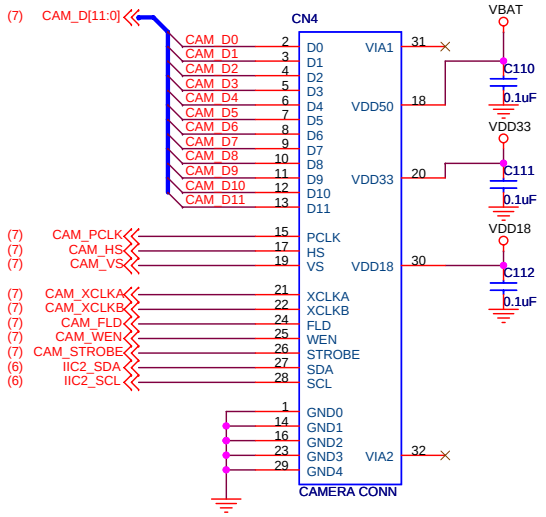
JTAG FOR DEBUG



LED



CAMERA



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