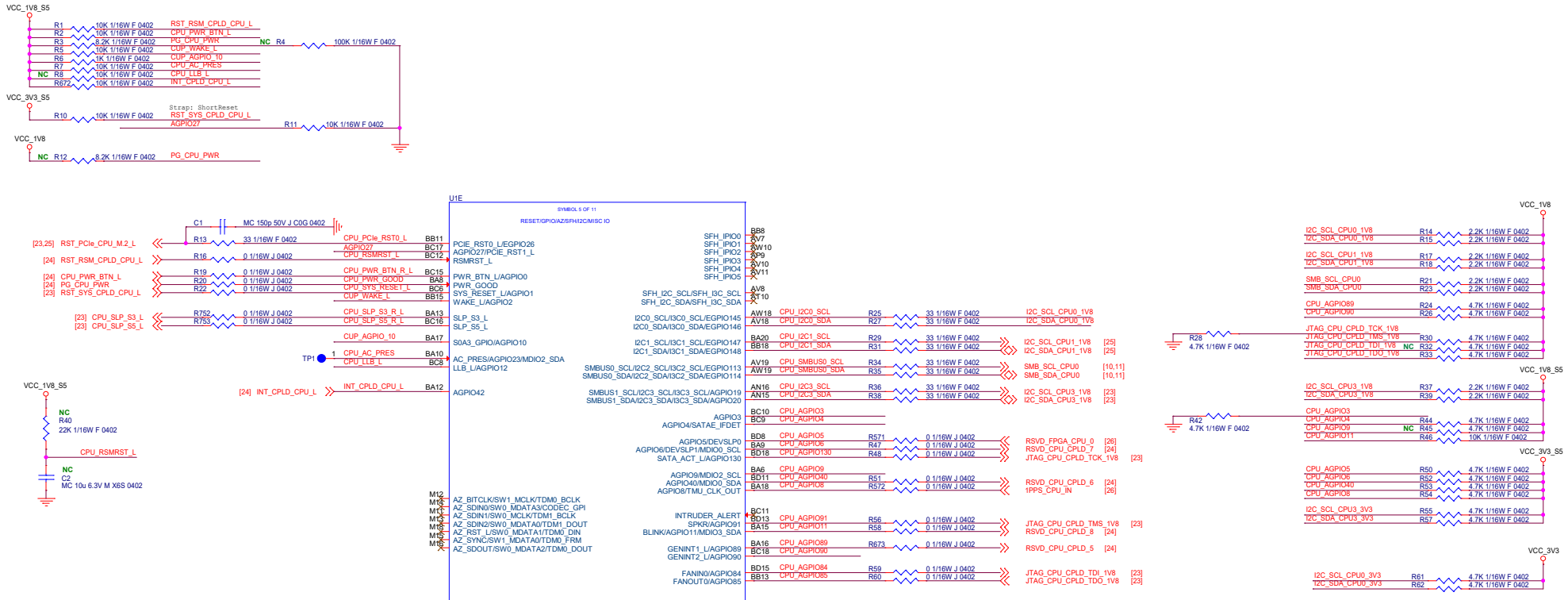
VCC_1V8_S5
R1 10K 1/16W F 0402 RST_RSM_CPLD_CPU_L
R2 10K 1/16W F 0402 CPU_PWR_BTN_L
R3 8.2K 1/16W F 0402 PG_CPU_PWR
R5 10K 1/16W F 0402 CUP_WAKE_L
R6 1K 1/16W F 0402 CUP_AGPIO_10
R7 10K 1/16W F 0402 CPU_AC_PRES
NC R8 10K 1/16W F 0402 CPU_LLB_L
R672 10K 1/16W F 0402 INT_CPLD_CPU_L
NC R4 100K 1/16W F 0402
VCC_3V3_S5
Strap: ShortReset
R10 10K 1/16W F 0402 RST_SYS_CPLD_CPU_L
AGPIO27
R11 10K 1/16W F 0402
VCC_1V8
NC R12 8.2K 1/16W F 0402 PG_CPU_PWR
U1E
SYMBOL 5 OF 11
RESET/GPIO/AZ/SFH/I2C/MISC IO
C1 MC 150p 50V J C0G 0402
[23,25] RST_PCIe_CPU_M.2_L
R13 33 1/16W F 0402
CPU_PCIe_RST0_L BB11
AGPIO27 BC17
[24] RST_RSM_CPLD_CPU_L
CPU_RSMRST_L BC12
R16 0 1/16W J 0402
[24] CPU_PWR_BTN_L
R19 0 1/16W J 0402
CPU_PWR_BTN_R_L BC15
[24] PG_CPU_PWR
R20 0 1/16W J 0402
CPU_PWR_GOOD BA8
[23] RST_SYS_CPLD_CPU_L
R22 0 1/16W J 0402
CPU_SYS_RESET_L BC6
CUP_WAKE_L BB15
[23] CPU_SLP_S3_L
R752 0 1/16W J 0402
CPU_SLP_S3_R_L BA13
[23] CPU_SLP_S5_L
R753 0 1/16W J 0402
CPU_SLP_S5_R_L BC16
CUP_AGPIO_10 BA17
TP1
CPU_AC_PRES BA10
CPU_LLB_L BC8
[24] INT_CPLD_CPU_L
INT_CPLD_CPU_L BA12
PCIE_RST0_L/EGPIO26
AGPIO27/PCIE_RST1_L
RSMRST_L
PWR_BTN_L/AGPIO0
PWR_GOOD
SYS_RESET_L/AGPIO1
WAKE_L/AGPIO2
SLP_S3_L
SLP_S5_L
S0A3_GPIO/AGPIO10
AC_PRES/AGPIO23/MDIO2_SDA
LLB_L/AGPIO12
AGPIO42
M12 AZ_BITCLK/SW1_MCLK/TDM0_BCLK
M11 AZ_SDIN0/SW0_MDATA3/CODEC_GPI
M10 AZ_SDIN1/SW0_MCLK/TDM1_BCLK
M9 AZ_SDIN2/SW0_MDATA0/TDM1_DOUT
M8 AZ_RST_L/SW0_MDATA1/TDM0_DIN
M7 AZ_SYNC/SW1_MDATA0/TDM0_FRM
M6 AZ_SDOUT/SW0_MDATA2/TDM0_DOUT
100-000000817
VCC_1V8_S5
NC R40 22K 1/16W F 0402
CPU_RSMRST_L
NC C2 MC 10u 6.3V M X6S 0402
SFH_IPIO0 BB6
SFH_IPIO1 AV7
SFH_IPIO2 AW10
SFH_IPIO3 AP9
SFH_IPIO4 AV10
SFH_IPIO5 AV11
AV8
AT10
SFH_I2C_SCL/SFH_I3C_SCL
SFH_I2C_SDA/SFH_I3C_SDA
I2C0_SCL/I3C0_SCL/EGPIO145
I2C0_SDA/I3C0_SDA/EGPIO146
I2C1_SCL/I3C1_SCL/EGPIO147
I2C1_SDA/I3C1_SDA/EGPIO148
SMBUS0_SCL/I2C2_SCL/I3C2_SCL/EGPIO113
SMBUS0_SDA/I2C2_SDA/I3C2_SDA/EGPIO114
SMBUS1_SCL/I2C3_SCL/I3C3_SCL/AGPIO19
SMBUS1_SDA/I2C3_SDA/I3C3_SDA/AGPIO20
AGPIO3
AGPIO4/SATAE_IFDET
AGPIO5/DEVSLP0
AGPIO6/DEVSLP1/MDIO0_SCL
SATA_ACT_L/AGPIO130
AGPIO9/MDIO2_SCL
AGPIO40/MDIO0_SDA
AGPIO8/TMU_CLK_OUT
INTRUDER_ALERT
SPKR/AGPIO91
BLINK/AGPIO11/MDIO3_SDA
GENINT1_L/AGPIO89
GENINT2_L/AGPIO90
FANIN0/AGPIO84
FANOUT0/AGPIO85
AW18 CPU_I2C0_SCL R25 33 1/16W F 0402 I2C_SCL_CPU0_1V8
AV18 CPU_I2C0_SDA R27 33 1/16W F 0402 I2C_SDA_CPU0_1V8
BA20 CPU_I2C1_SCL R29 33 1/16W F 0402 I2C_SCL_CPU1_1V8 [25]
BB18 CPU_I2C1_SDA R31 33 1/16W F 0402 I2C_SDA_CPU1_1V8 [25]
AV19 CPU_SMBUS0_SCL R34 33 1/16W F 0402 SMB_SCL_CPU0 [10,11]
AW19 CPU_SMBUS0_SDA R35 33 1/16W F 0402 SMB_SDA_CPU0 [10,11]
AN16 CPU_I2C3_SCL R36 33 1/16W F 0402 I2C_SCL_CPU3_1V8 [23]
AN15 CPU_I2C3_SDA R38 33 1/16W F 0402 I2C_SDA_CPU3_1V8 [23]
BC10 CPU_AGPIO3
BC9 CPU_AGPIO4
BD8 CPU_AGPIO5 R571 0 1/16W J 0402 RSVD_FPGA_CPU_0 [26]
BA9 CPU_AGPIO6 R47 0 1/16W J 0402 RSVD_CPU_CPLD_7 [24]
BD18 CPU_AGPIO130 R48 0 1/16W J 0402 JTAG_CPU_CPLD_TCK_1V8 [23]
BA6 CPU_AGPIO9
BD11 CPU_AGPIO40 R51 0 1/16W J 0402 RSVD_CPU_CPLD_6 [24]
BA18 CPU_AGPIO8 R572 0 1/16W J 0402 1PPS_CPU_IN [26]
BC11
BD13 CPU_AGPIO91 R56 0 1/16W J 0402 JTAG_CPU_CPLD_TMS_1V8 [23]
BA15 CPU_AGPIO11 R58 0 1/16W J 0402 RSVD_CPU_CPLD_8 [24]
BA16 CPU_AGPIO89 R673 0 1/16W J 0402 RSVD_CPU_CPLD_5 [24]
BC18 CPU_AGPIO90
BD15 CPU_AGPIO84 R59 0 1/16W J 0402 JTAG_CPU_CPLD_TDI_1V8 [23]
BB13 CPU_AGPIO85 R60 0 1/16W J 0402 JTAG_CPU_CPLD_TDO_1V8 [23]
VCC_1V8
I2C_SCL_CPU0_1V8 R14 2.2K 1/16W F 0402
I2C_SDA_CPU0_1V8 R15 2.2K 1/16W F 0402
I2C_SCL_CPU1_1V8 R17 2.2K 1/16W F 0402
I2C_SDA_CPU1_1V8 R18 2.2K 1/16W F 0402
SMB_SCL_CPU0 R21 2.2K 1/16W F 0402
SMB_SDA_CPU0 R23 2.2K 1/16W F 0402
CPU_AGPIO89 R24 4.7K 1/16W F 0402
CPU_AGPIO90 R26 4.7K 1/16W F 0402
R28 4.7K 1/16W F 0402
JTAG_CPU_CPLD_TCK_1V8
JTAG_CPU_CPLD_TMS_1V8 R30 4.7K 1/16W F 0402
JTAG_CPU_CPLD_TDI_1V8 NC R32 4.7K 1/16W F 0402
JTAG_CPU_CPLD_TDO_1V8 R33 4.7K 1/16W F 0402
VCC_1V8_S5
I2C_SCL_CPU3_1V8 R37 2.2K 1/16W F 0402
I2C_SDA_CPU3_1V8 R39 2.2K 1/16W F 0402
R42 4.7K 1/16W F 0402
CPU_AGPIO3
CPU_AGPIO4 R44 4.7K 1/16W F 0402
CPU_AGPIO9 NC R45 4.7K 1/16W F 0402
CPU_AGPIO11 R46 10K 1/16W F 0402
VCC_3V3_S5
CPU_AGPIO5 R50 4.7K 1/16W F 0402
CPU_AGPIO6 R52 4.7K 1/16W F 0402
CPU_AGPIO40 R53 4.7K 1/16W F 0402
CPU_AGPIO8 R54 4.7K 1/16W F 0402
I2C_SCL_CPU3_3V3 R55 4.7K 1/16W F 0402
I2C_SDA_CPU3_3V3 R57 4.7K 1/16W F 0402
VCC_3V3
I2C_SCL_CPU0_3V3 R61 4.7K 1/16W F 0402
I2C_SDA_CPU0_3V3 R62 4.7K 1/16W F 0402
C3 MC 0.1u 16V K X7R 0402
C4 MC 0.1u 16V K X7R 0402
U4
VCC_1V8
VCC_3V3
VCCA VCCB
SCLA SCLB
SDAA SDAB
EN GND
PCA9617ADPJ
I2C_SCL_CPU0_1V8
I2C_SDA_CPU0_1V8
I2C_SCL_CPU0_3V3
I2C_SDA_CPU0_3V3
I2C_SCL_CPU0_3V3 [21]
I2C_SDA_CPU0_3V3 [21]
EN_I2C_LS0
VCC_3V3
R65 4.7K 1/16W F 0402
C9 MC 0.1u 16V K X7R 0402
C10 MC 0.1u 16V K X7R 0402
U7
VCC_1V8_S5
VCC_3V3_S5
I2C_SCL_CPU3_1V8
I2C_SDA_CPU3_1V8
I2C_SCL_CPU3_3V3 [22,26]
I2C_SDA_CPU3_3V3 [22,26]
EN_I2C_LS3
VCC_3V3_S5
R68 4.7K 1/16W F 0402