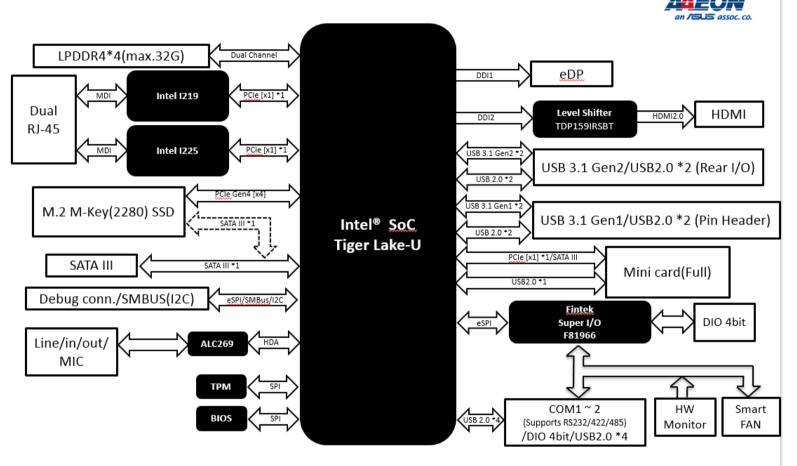


Project Name: PICO-TGL4

Project Number: Version: A0.1_0_0

System block diagram

PICO-TGU4 Block Diagram(Internal)

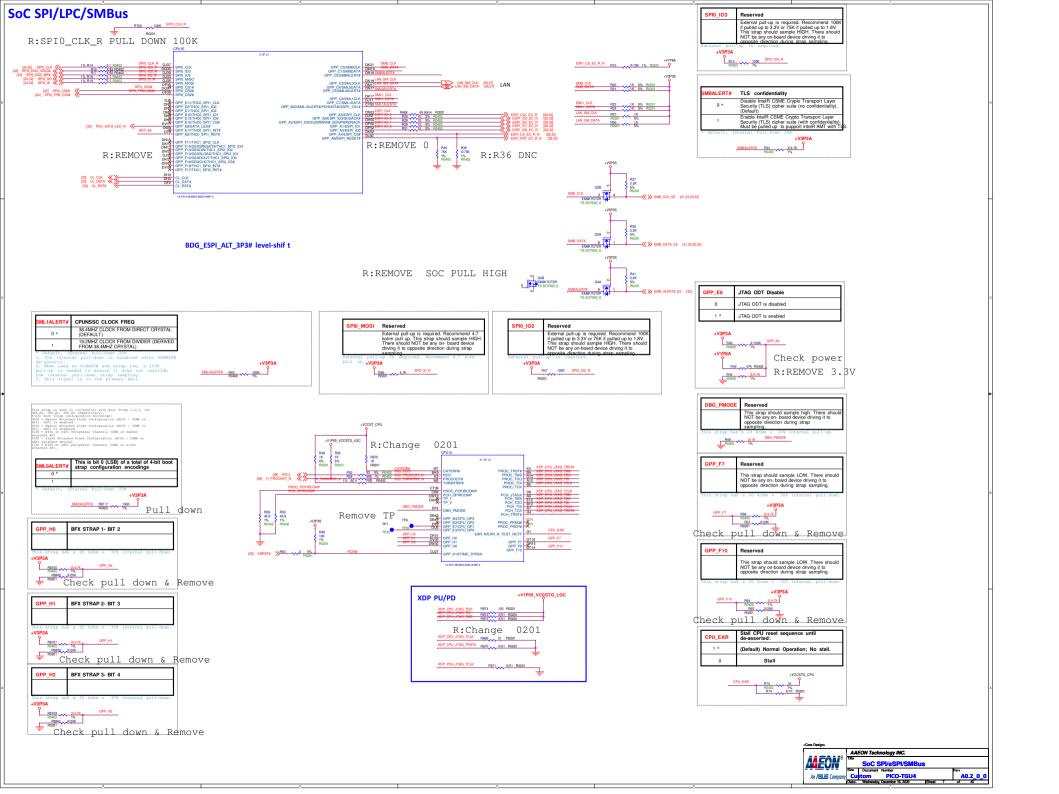


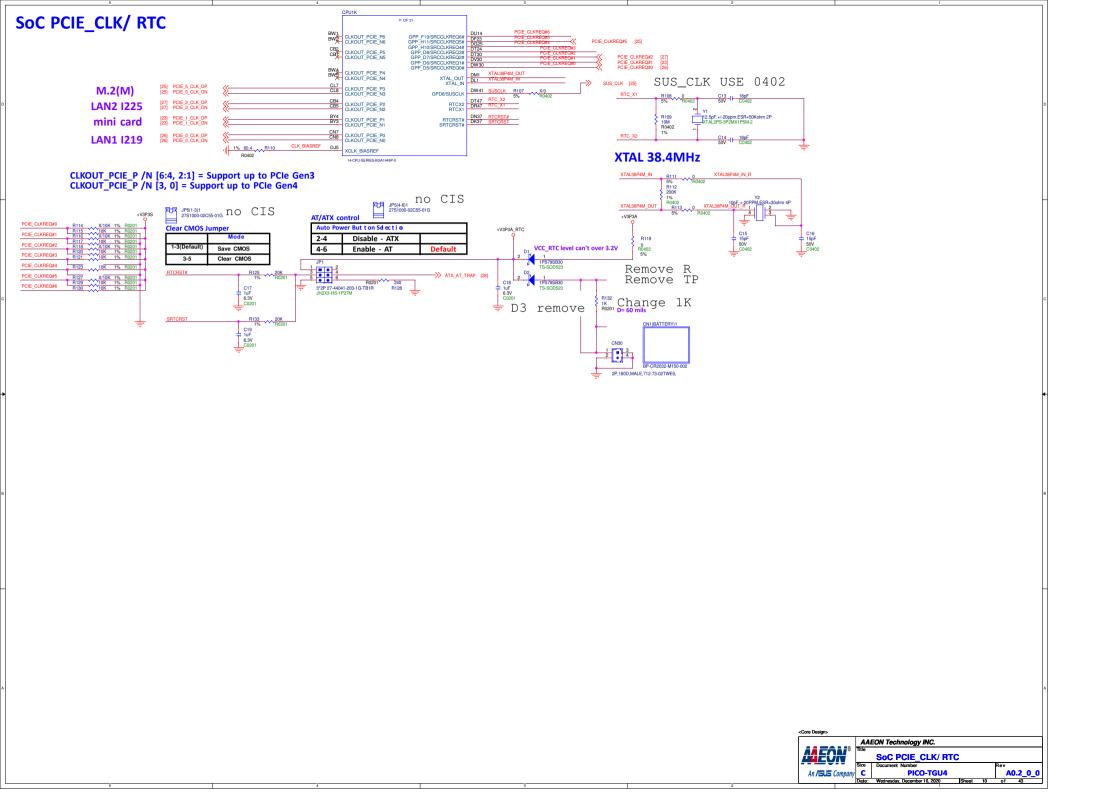
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5	SoC DDI
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11	SoC eMMC
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18	LPDDR4x (1/4)
19	LPDDR4x (2/4)
20	LPDDR4x (3/4)
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22	DDI1 to HDMI1 DDI0 to eDP
23	miniCard/mSATA(Full)
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26	LAN1 I219
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31	COM1/ COM2 / DIO / USB2.0
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34	PWR +V5A/ +V3P3A
35	PWR +V12S/ +V5S/ +V3P3S
36	PWR IMVP9 Controller
37	PWR_IMVP9 Controller PWR +VCCIN
37	PWR_+VCCIN AUX/+V1P8A
38	PWR_+VCCIN_AUX/+V1P8A PWR +VCCSTG/+VCCSFR OC
40	APW8743C
41	PWR_+VDDQ/ +VDDQ_VPP/ +V1P8
42	RSMEST# Control
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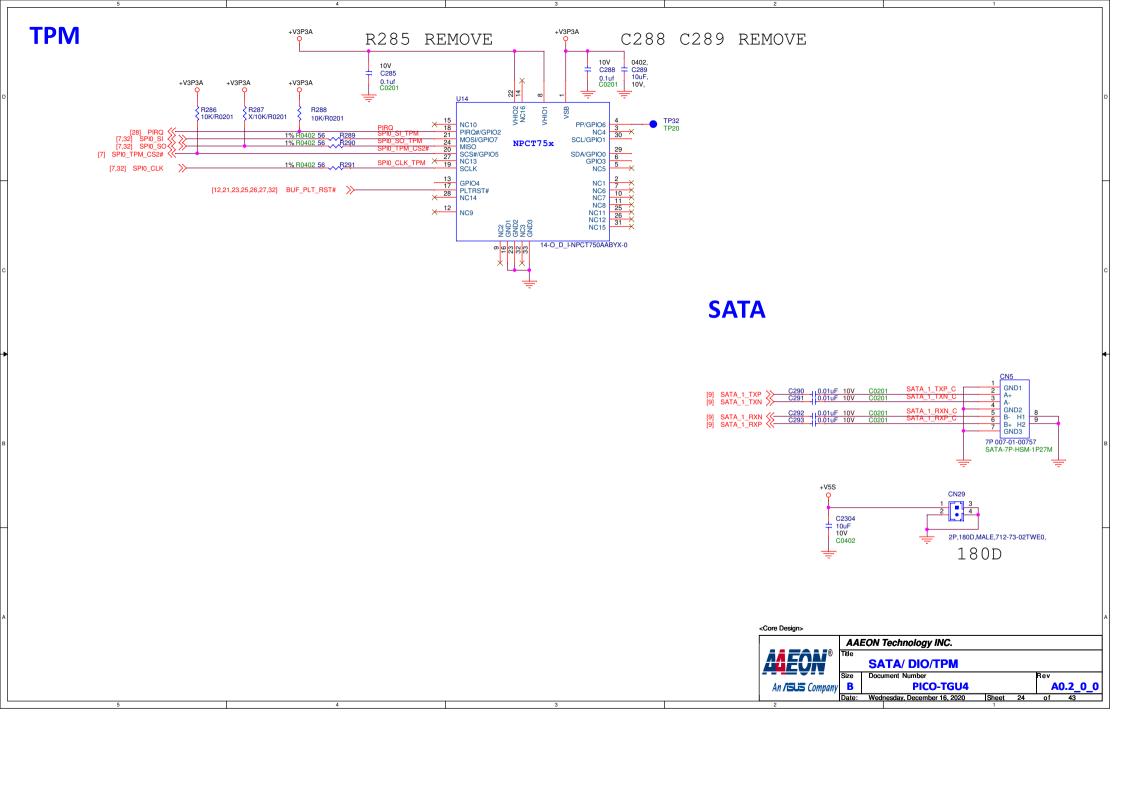
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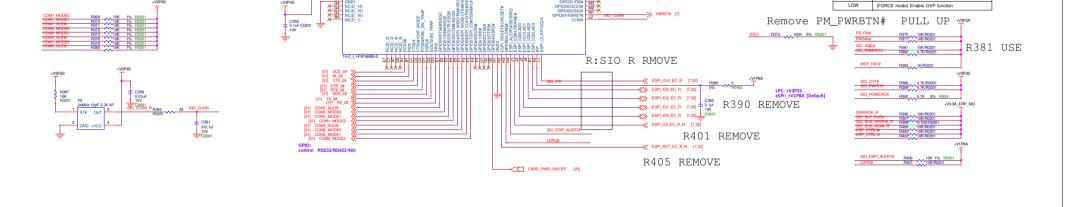


Super I/O F81966 R343 1M R0201 R345 0/R0201 TS_D- R347 0 5% R349 X/0 5% R0201 | WDT_RST# | 33| | ATX_AT_TRAP | 10| → PECI [7] ATX_AT_TRAP: High: ATX mode Low: AT mode(Default) Functions4 1 USB Enable ctrl pin fix EN USB3 [29,31] AUDIO_MUTE# [30] AO . 2 Power On Strapping Options pin Internal Power: Output I2C ADDR The I2C slave address is 0X5C (Default) A0.2 [31] DIO_4 《》 TP35 REMOVE LOW The I2C slave address is 0X5A

F81966B

10K 1% R0201

0201



Remove

JP3. PIN 124

HIGH

LOW

JP2, PIN 123

JP1, PIN 4

HIGH

Config4E 2E

Configuration Register I/O port is 4E/4F

(ALARM mode) Disable OVP function

Configuration Register I/O port is 2E/2F (Default

Power on fan speed default duty is 40% (Default) Power on fan speed default duty is 100%

AAEON Technology INC.

IRIE
Super I/O
Size | Document Number
Custom PICO-TGU4
Date: Wednesday, Documber 16, 2020

