PICO-PI-GL REV:B1

L=6, 85 x 56 mm

PAGE TITLE

P01 INDEX

P02 Expansion CONN.

P03 DC-DC & MIKROBUS

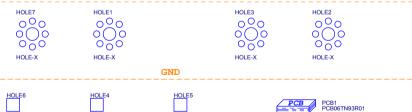
P04 AUDIO & BOOT

P05 RGMII & RMII

P06 HOST & Client

P07 TTL PANEL

FM40S-X FM40S-X FM40S-X FM40S-X FM40S-X







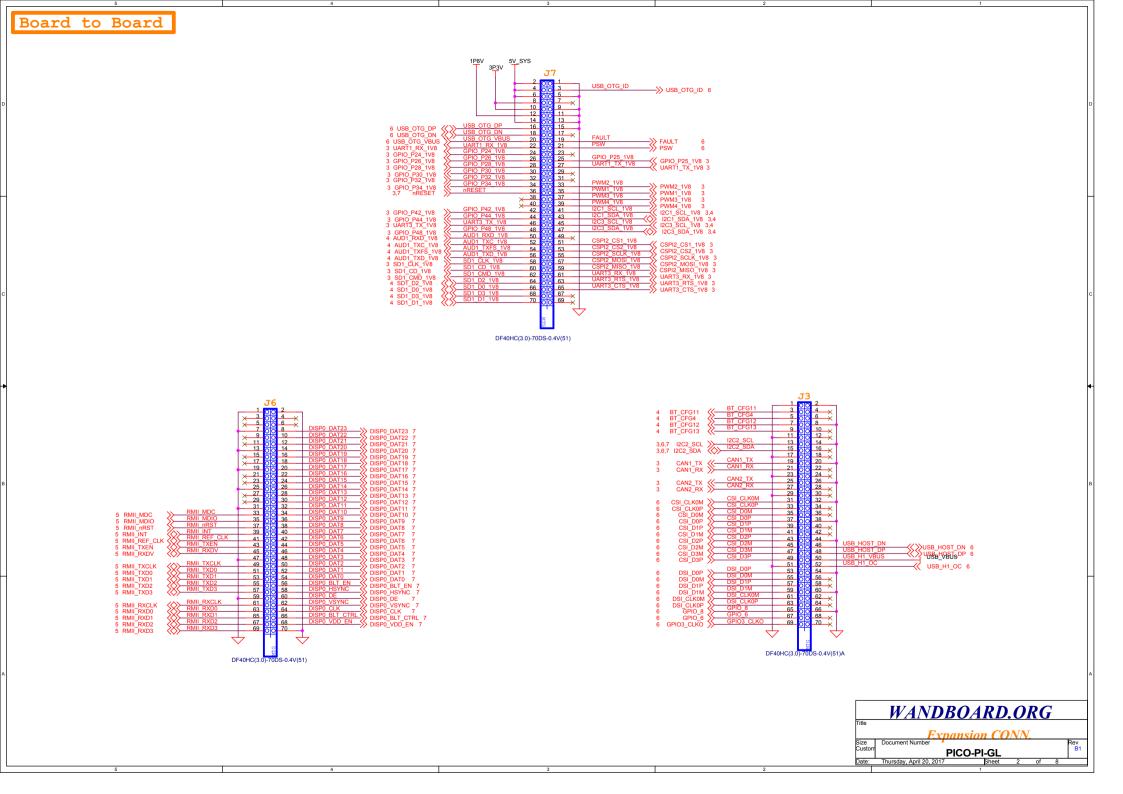


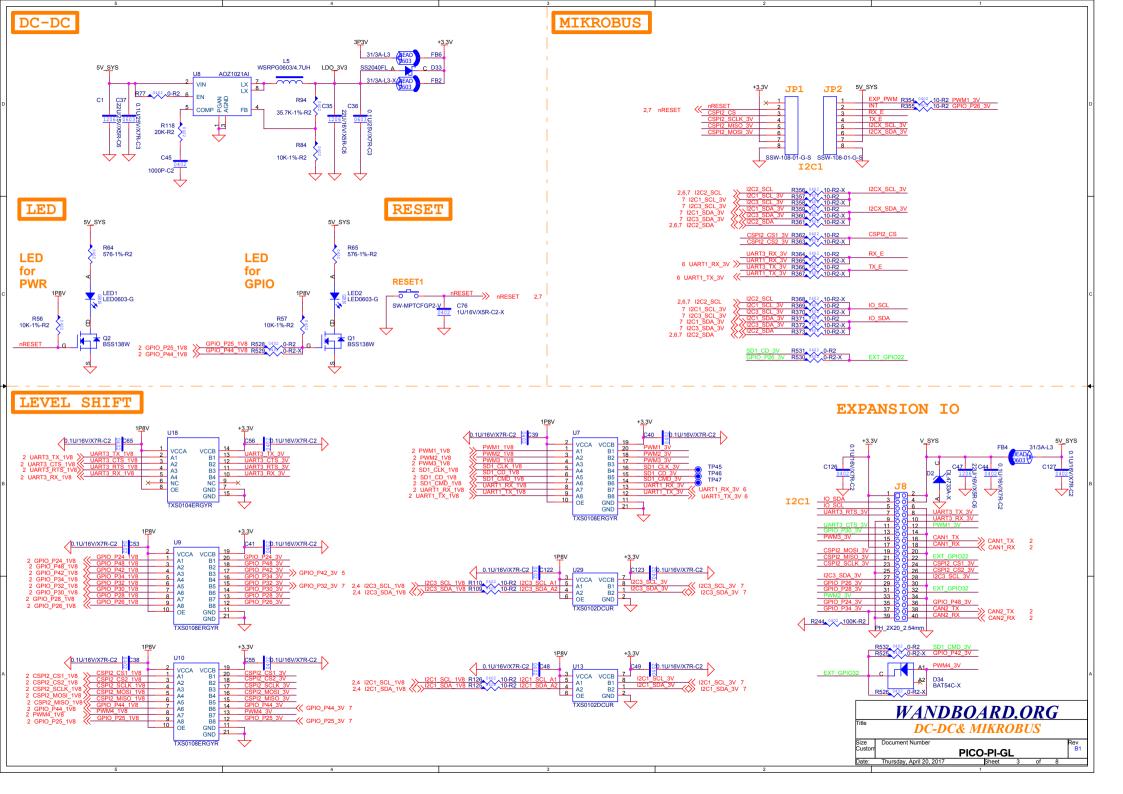
Components marked -X are not populated (DNP)

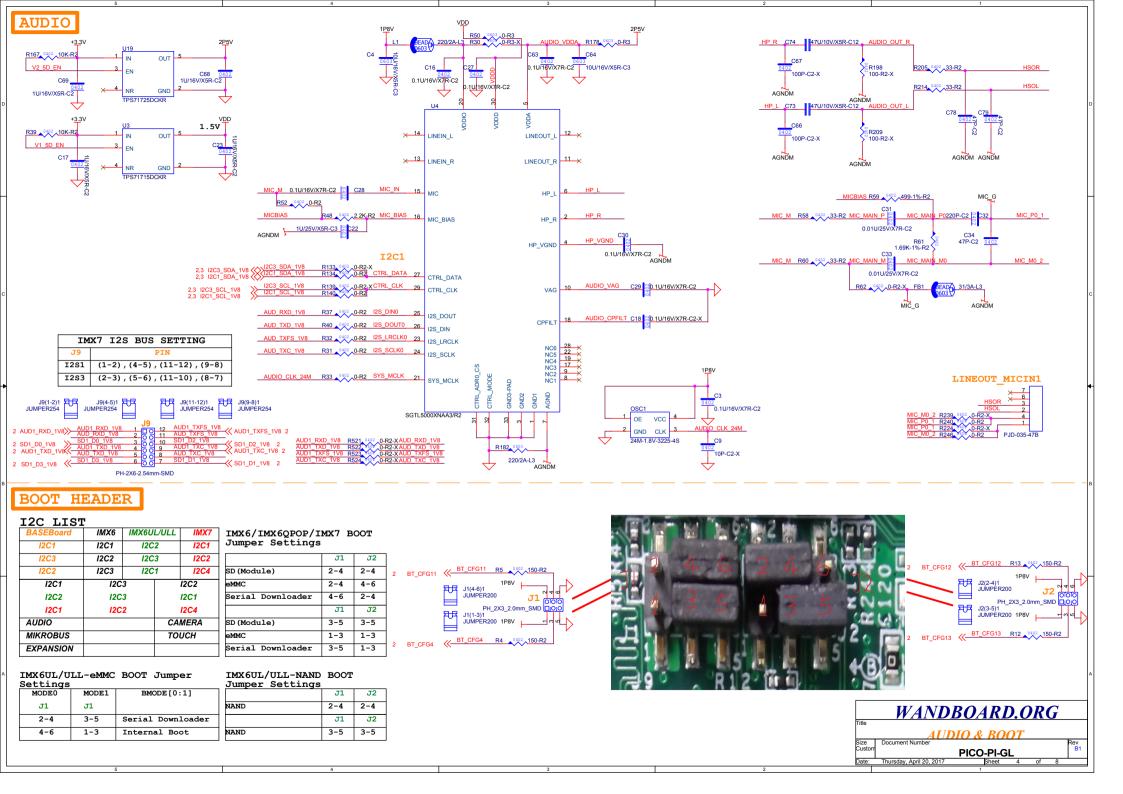
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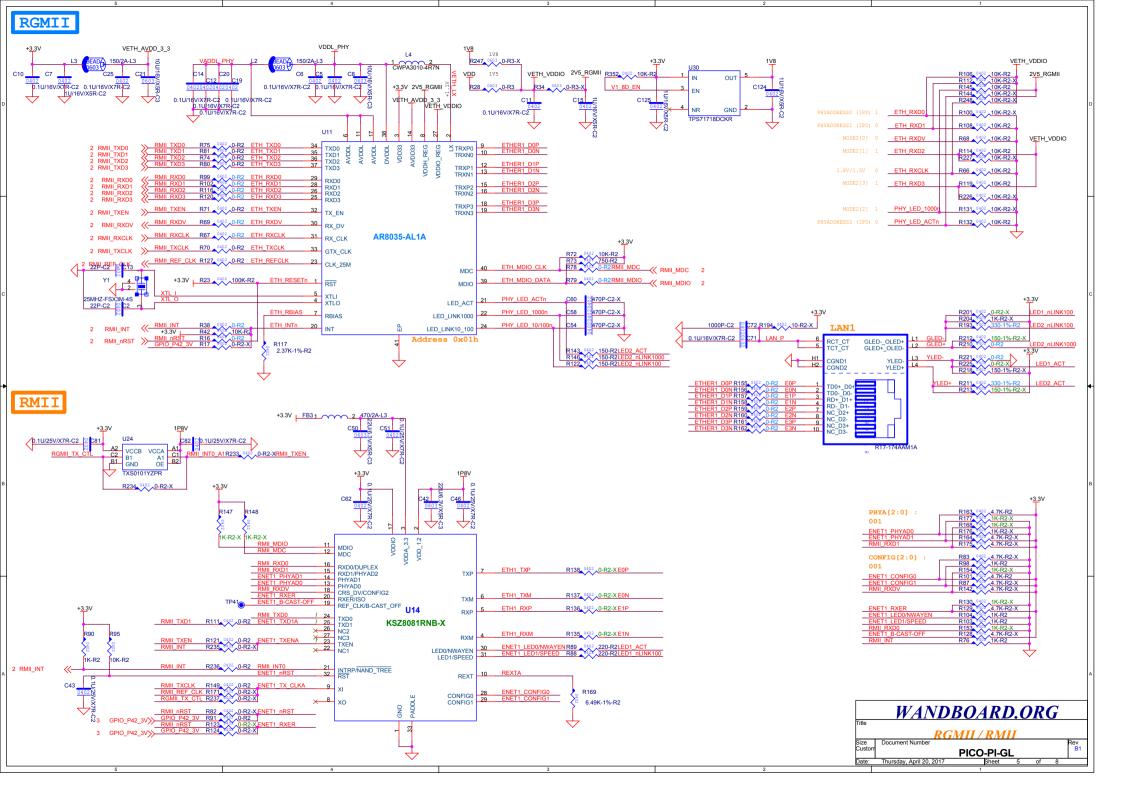
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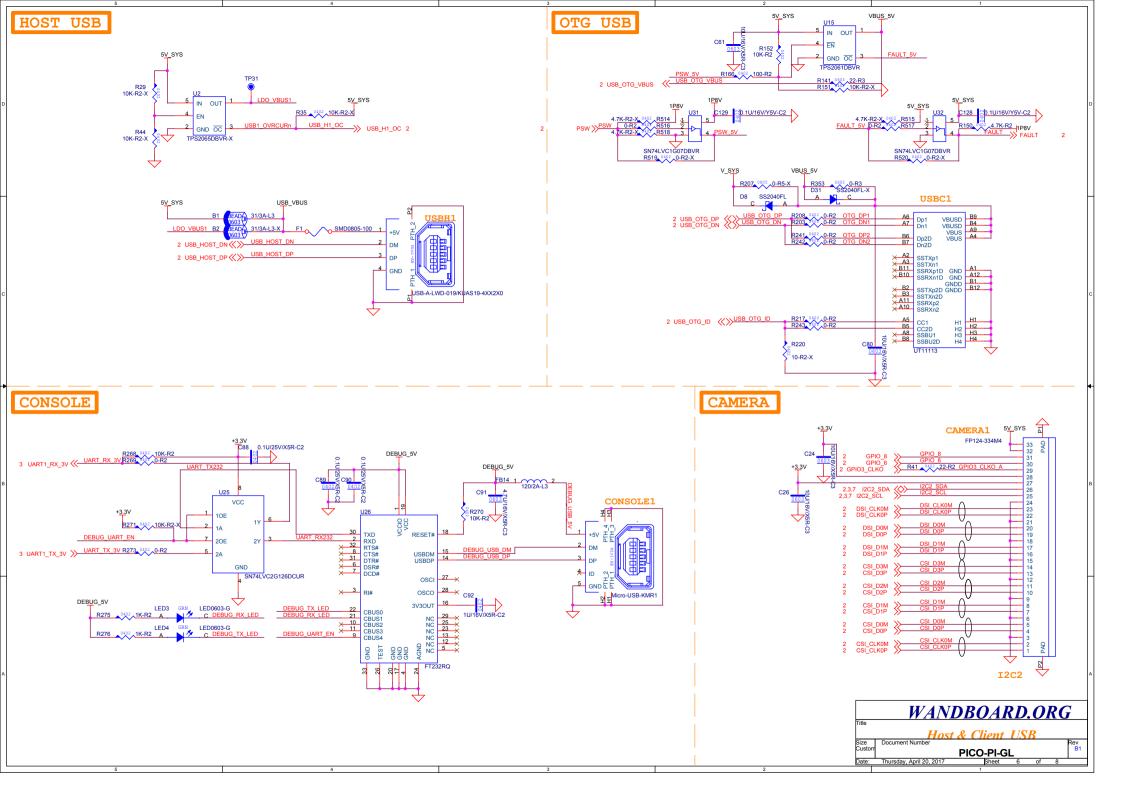
> WANDBOARD.ORG PICO-PI-GL

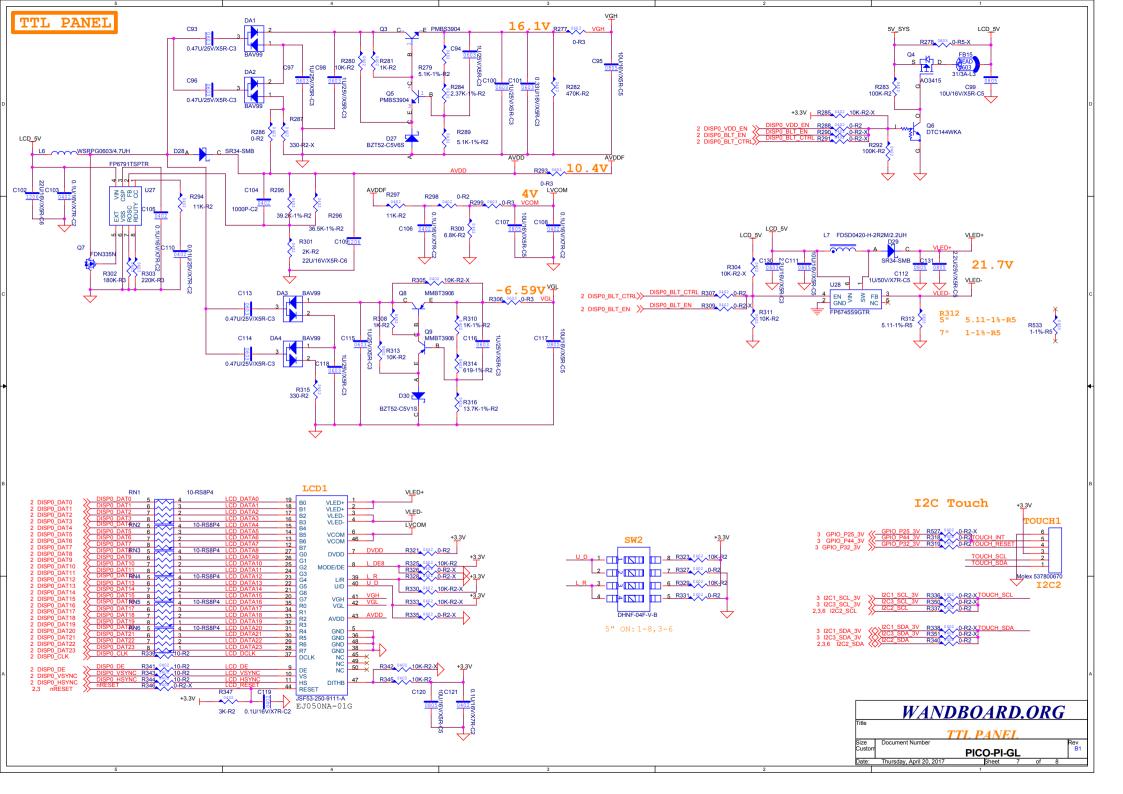












JP1	PIN DEFINE	LEVEL	IMX7	CPU MAPPING	IMX6UL	CPU MAPPING
JP1 PIN1	NC	NC				
JP1 PIN2	RESET	3.3V				
JP1 PIN3	CSPI2 CS1 3V	3.3V	K3	ECSPI3.SS0	J17	ECSPI3.SS0
JP1 PIN4	CSPI2 SCLK 3V	3.3V	K2	ECSPI3.SCLK	J16	ECSPI3.SCLE
JP1 PIN5	CSPI2 MISO 3V	3.3V	J2	ECSPI3.MISO	J15	ECSPI3.MISC
JP1 PIN6	CSPI2 MOSI 3V	3.3V	K1	ECSPI3.MOSI	H14	ECSPI3.MOSI
JP1 PIN7	3.3V	3.3V	1/1	ECSF15.MOS1	1114	ECSF13.P031
JP1 PIN8	GND	GND	_			
011_11110	GILD	UND				
JP2	PIN DEFINE	LEVEL	IMX7	CPU MAPPING	IMX6UL	CPU MAPPING
JP2 PIN1	EXT PWM	3.3V	R1	PWM1.OUT	F14	PWM7.OUT
JP2 PIN2	INT	3.3V	P21	GPI02.I01	E4	GPI04.I021
JP2 PIN3 JP2 PIN4	RX E	3.3V 3.3V	M23	UART6.RX UART6.TX	H16 H17	UART3 RX UART3 TX
JP2_PIN5	I2CX_SCL_3V	3.3V	L3	I2C1.SCL	F17	I2C2.SCL
JP2_PIN6	I2CX_SDA_3V	3.3V	L4	I2C1.SDA	G13	I2C2.SDA
JP2_PIN7	5V	5V				
JP2_PIN8	GND	GND				
J8	PIN DEFINE	LEVEL	IMX7	CPU MAPPING	IMX6UL	CPU MAPPING
J8 PIN1	3.3V	3.3V				
J8_PIN2	5V	5V				
J8 PIN3	IO SDA	3.3V	L4	I2C1.SDA	G13	I2C2.SDA
J8 PIN4	5V	5V				
J8 PIN5	IO SCL	3.3V	L3	I2C1.SCL	F17	I2C2.SCL
J8 PIN6	GND	GND				
J8 PIN7	UART3 RTS 3V	3.3V	L24	UART6.RTS	G14	UART3 RTS
J8 PIN8	UART3 TX 3V	3.3V	L25	UART6.TX	H17	UART3 TX
J8 PIN9	GND GND	GND	DEU	OAKIO.IA	111.7	UNNIGIN
J8 PIN10	UART3 RX 3V	3.3V	M23	UART6.RX	H16	UART3 RX
J8 PIN11	UART3 CTS 3V	3.3V	L23	UART6.CTS	H15	UART3 CTS
			R1			
J8_PIN12	PWM1_3V	3.3V		PWM1.OUT	F14	PWM7.OUT
J8_PIN13	GPIO_P30_3V	3.3V	N21	GPI02.I03	E2	GPI04.I023
J8_PIN14	GND	GND				
J8_PIN15	PWM3_3V	3.3V	R5	PWM3.OUT	NC	NC
J8_PIN16	CAN1_TX	3.3V	C11	CAN1.TX	F16	CAN1.TX
J8_PIN17	3.3V	3.3V				
J8_PIN18	CAN1_RX	3.3V	D11	CAN1.RX	E17	CAN1.RX
J8 PIN19	CSPI2 MOSI 3V	3.3V	K1	ECSPI3.MOSI	H14	ECSPI3.MOSI
J8 PIN20	GND	GND				
J8 PIN21	CSPI2 MISO 3V	3.3V	J2	ECSPI3.MISO	J15	ECSPI3.MISC
J8 PIN22	EXT GPIO22	3.3V	C6	GPI05.I00	J14	GPI01.I019
J8 PIN23	CSPI2 SCLK 3V	3.3V	K2	ECSPI3.SCLK	J16	ECSPI3.SCLF
J8 PIN24	CSPI2 CS1 3V	3.3V	K3	ECSPI3.SS0	J17	ECSPI3.SS0
J8 PIN25	GND GND	GND			F	
J8 PIN26	CSPI2 CS2 3V	3.3V	M6	ECSPI3.SS1	NC	NC
T8 PTN27	T2C3 SDA 3V	3.3V	1.6	I2C2.SDA	K16	I2C3.SDA
J8 PIN28	12C3 SCL 3V	3.3V	L5	I2C2.SCL	K14	12C3.SDA 12C3.SCL
J8 PIN28 J8 PIN29	GPIO P26 3V	3.3V 3.3V	P21	GPI02.I01	E4	GPI04.I021
			PZI	GP102.101	54	GP104.1021
J8 PIN30	GND	GND	1100	97702 705	7.7	00704 7
J8 PIN31	GPIO P28 3V	3.3V	N20	GPI02.I02	E3	GPI04.I022
J8_PIN32	EXT_GPIO32	3.3V	C5	GPI05.I04	NC	NC
J8_PIN33	PWM2_3V	3.3V	R2	PWM2.OUT	D15	PWM8.OUT
J8_PIN34	GND	GND				
J8_PIN35	GPIO_P24_3V	3.3V	P20	GPI02.I00	F2	GPI04.I021
J8 PIN36	GPIO P48 3V	3.3V	M22	GPI02.I07	P11	GPI05.I02
J8 PIN37	GPIO P34 3V	3.3V	M20	GPI02.I05	K15	GPI01.I018
J8 PIN38	CAN2 TX	3.3V	E11	CAN2.TX	E16	CAN2.TX
J8 PIN39	GND	GND				
J8 PIN40	CAN2 RX	3.3V	D11	CAN2.RX	E15	CAN2.RX
			211	C44444 . 4544	220	U11112 - 1111