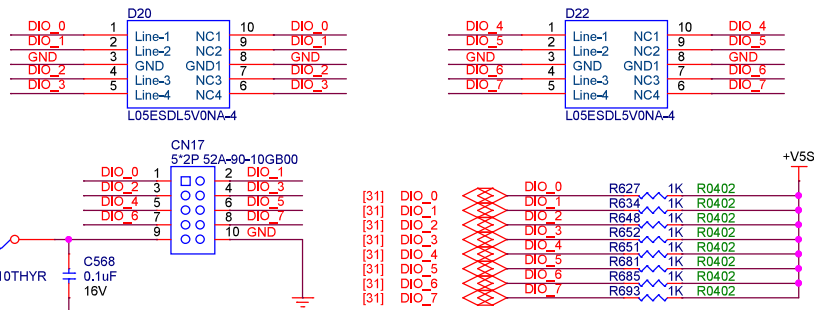
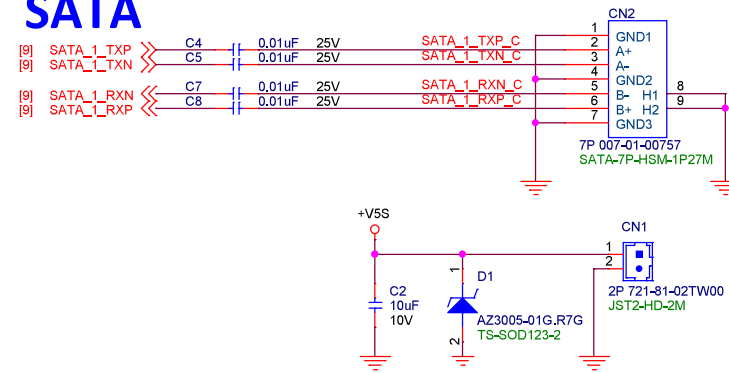


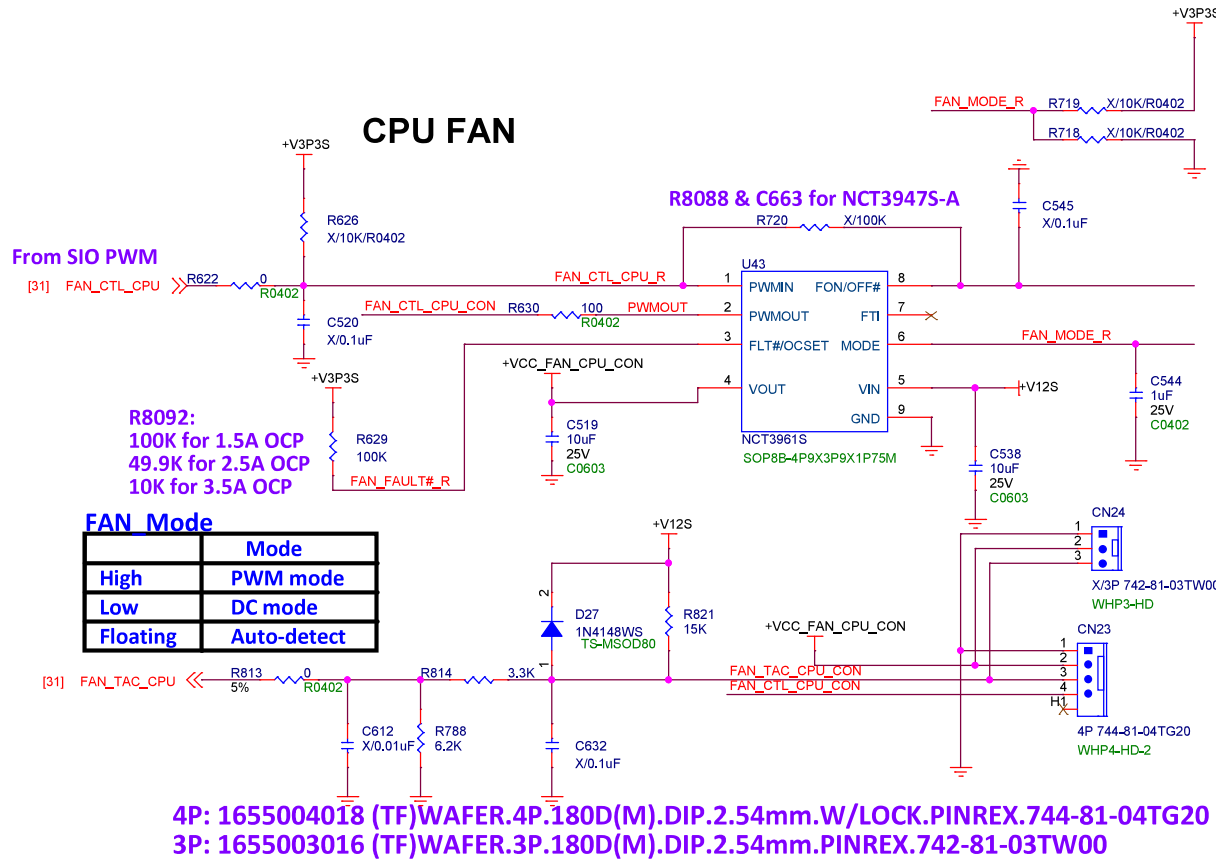
DIO



SATA



CPU FAN

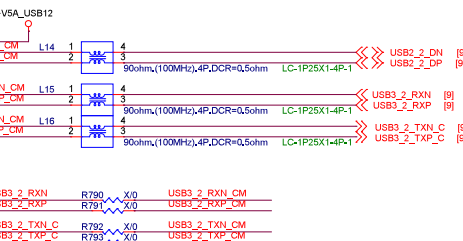
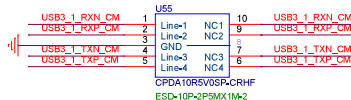
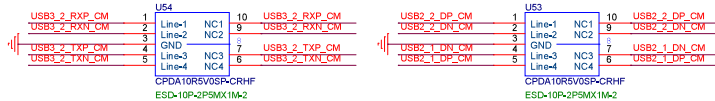


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AAEON Technology INC.			
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SATA/DIO			
Size	Document Number		Rev
B	GENE-TGU6		A0.1_0_0
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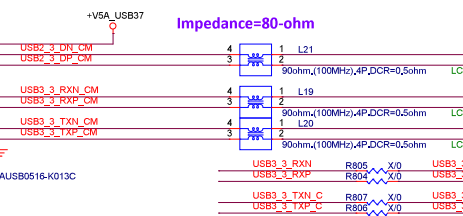
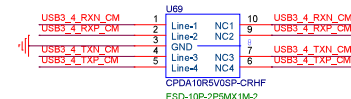
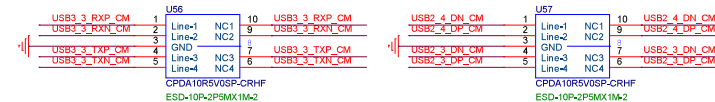
USB

USB3.2 *2(Rear I/O)

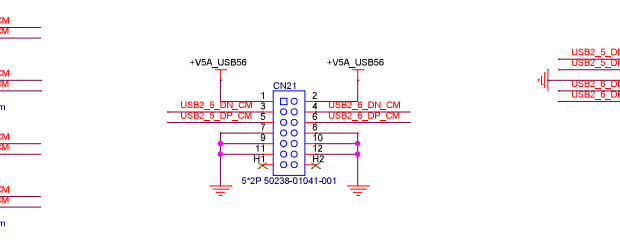
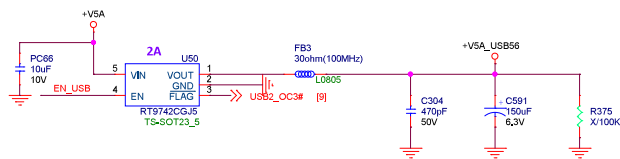


USB

USB3.0 *2(Rear I/O)



USB2.0 *2(Pin Header)



<Variant Name>

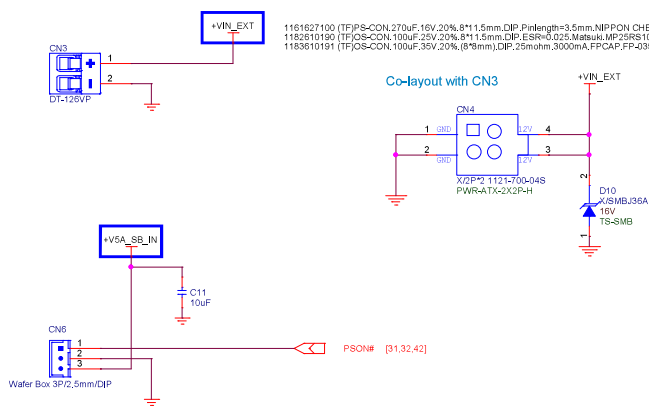
AAEON Technology INC.			
Title: USB3.2/ USB2.0			
Size:	Document Number	Rev	
Custom	GENE-TGU6	A0.1_0_0	
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Power Input

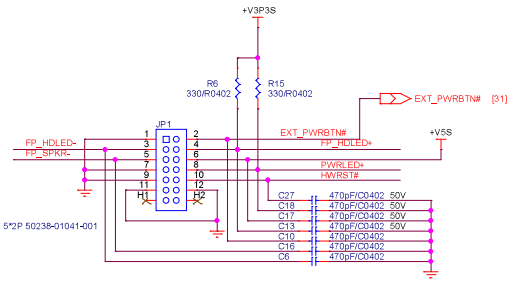
+9V~+36V

1161627100 (TF)S-COIL,270uF,16V,20%,8*11.5mm,DIP,Pinlength=3.5mm,NIPPON CHEMI-CON,P9C16VB270MH11
1182610190 (TF)OS-COIL,100uF,25V,20%,8*11.5mm,DIP,ESR=0.025,Matsui,MP25RS100MD11
1183610191 (TF)OS-COIL,100uF,35V,20%,(8*8mm),DIP,25mohm,3000mA,FPCAP,FP-035RE101 M4,BCG

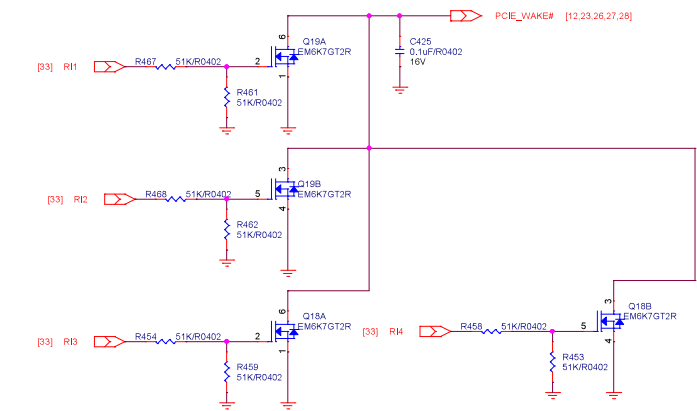
Co-layout with CN3



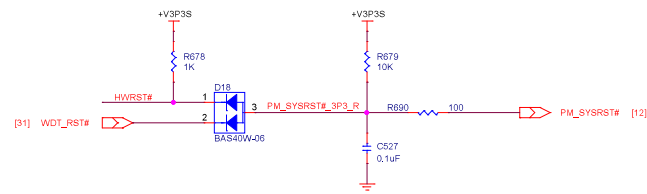
Front Panel



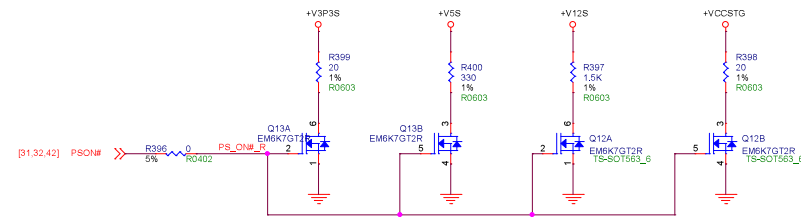
Wake On Modem



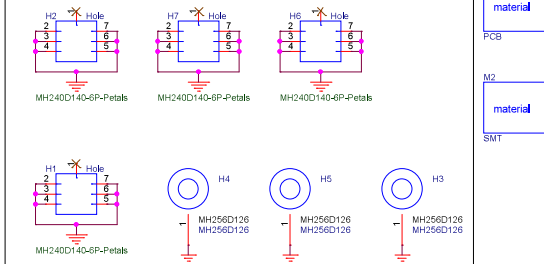
Reset Circuit



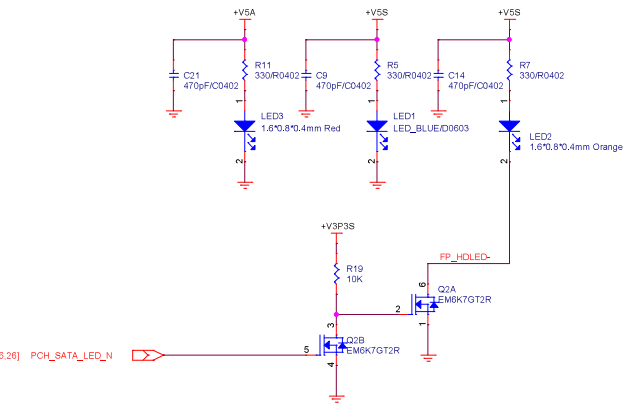
Discharge Circuit



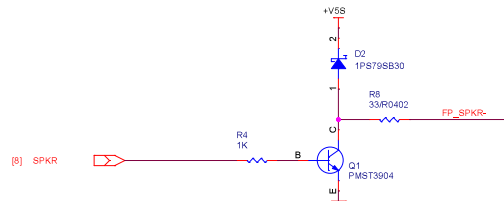
Mounting Holes



LED



Speaker



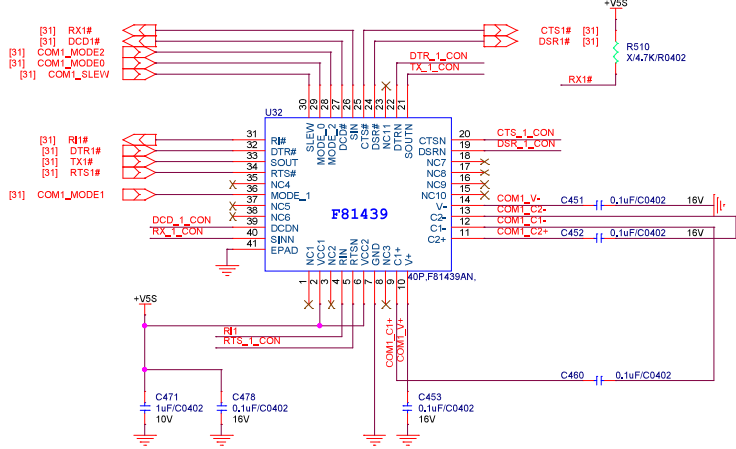
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AAEON Technology INC.			
Title	POWER INPUT,MISC		
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Custom	GENE-TGU6		A0.1_0_0
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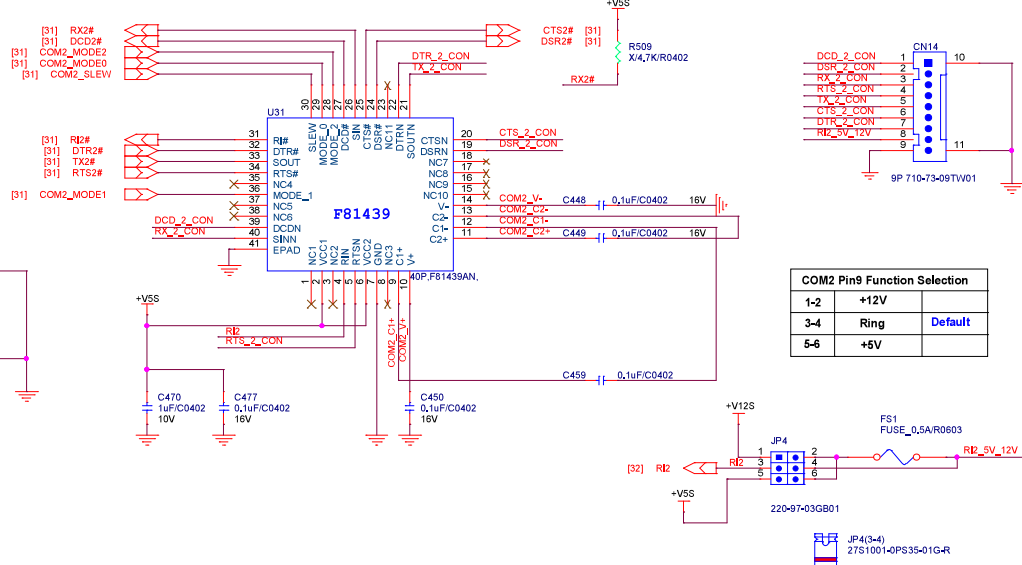
COM1

COM1-RS232/RS422/RS485



COM2

COM2-RS232/RS422/RS485

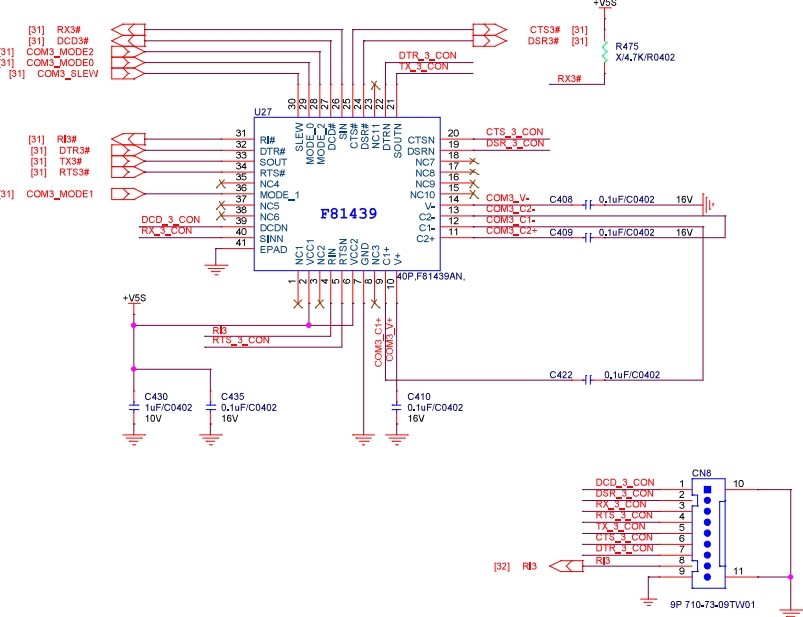


COM2 Pin9 Function Selection

1-2	+12V	
3-4	Ring	Default
5-6	+5V	

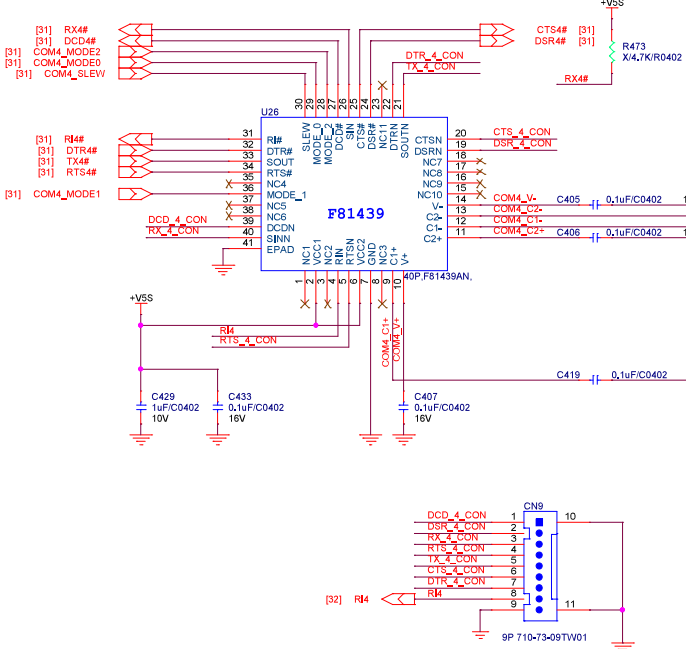
COM3

COM3-RS232/RS422/RS485



COM4

COM4-RS232/RS422/RS485



Maximum Slew rate control

SLEW	RS-232	RS-485/RS-422
0	1Mbps	10Mbps
1	250Kbps	250Kbps

Pin Mapping

	RS-232	RS-485	RS-422
R1_IN	DSR		
T1_OUT	RTS		
T2_OUT	TX		RS422_RX+ (A)
T3_OUT	DTR		RS422_RX- (B)
R2_IN	CTS		
R3_IN	RI		
R4_IN	RX	RS485_D+ (A)	RS422_TX+ (A)
R5_IN	DCD	RS485_D- (B)	RS422_TX- (B)

Serial Port 2 Mode Selection

SD	MODE_1	MODE_2	MODE
0	0	0	RS-422
0	0	1	RS-232
0	1	0	RS-485 (Driver Half Duplex)
0	1	1	RS-485 (Receiver Half Duplex)
1	X	X	Shutdown MODE