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Sheet 2: Mezzanine

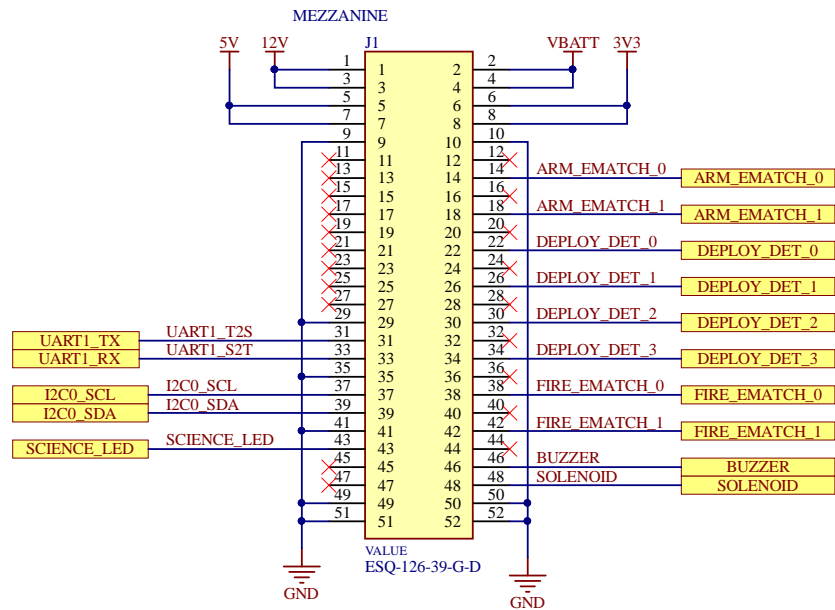
Sheet 3: EMatches

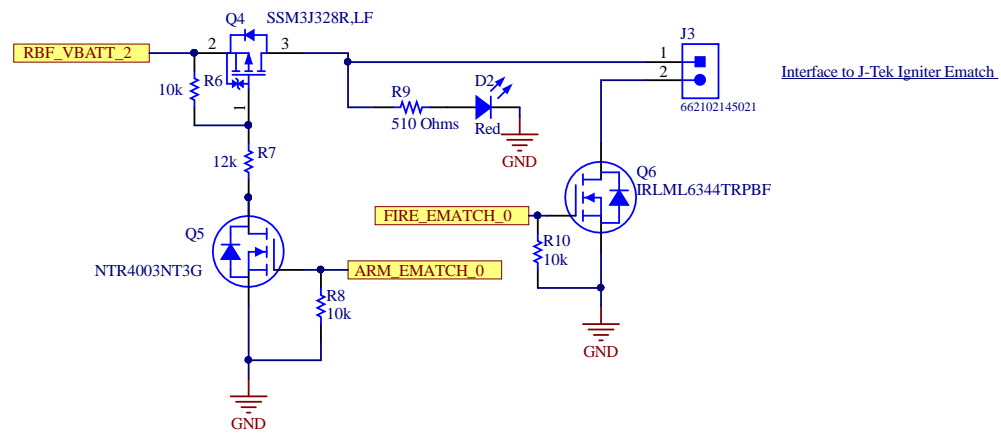
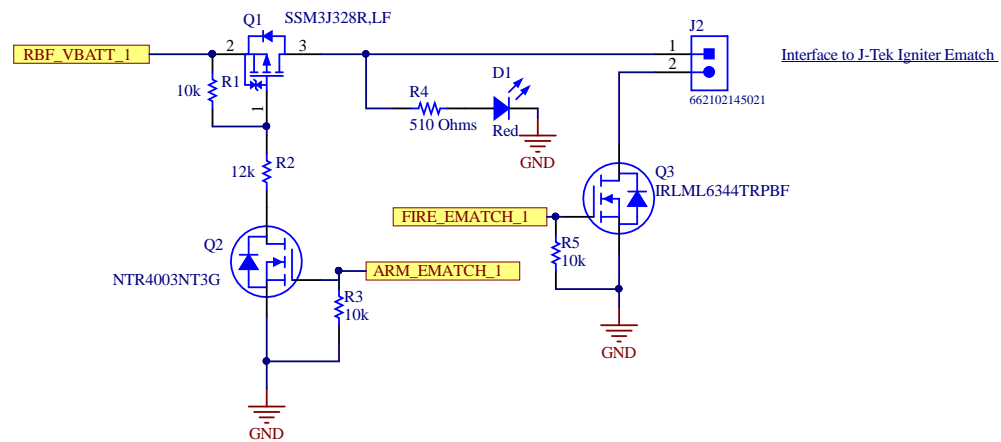
Sheet 4: Deploy Switches

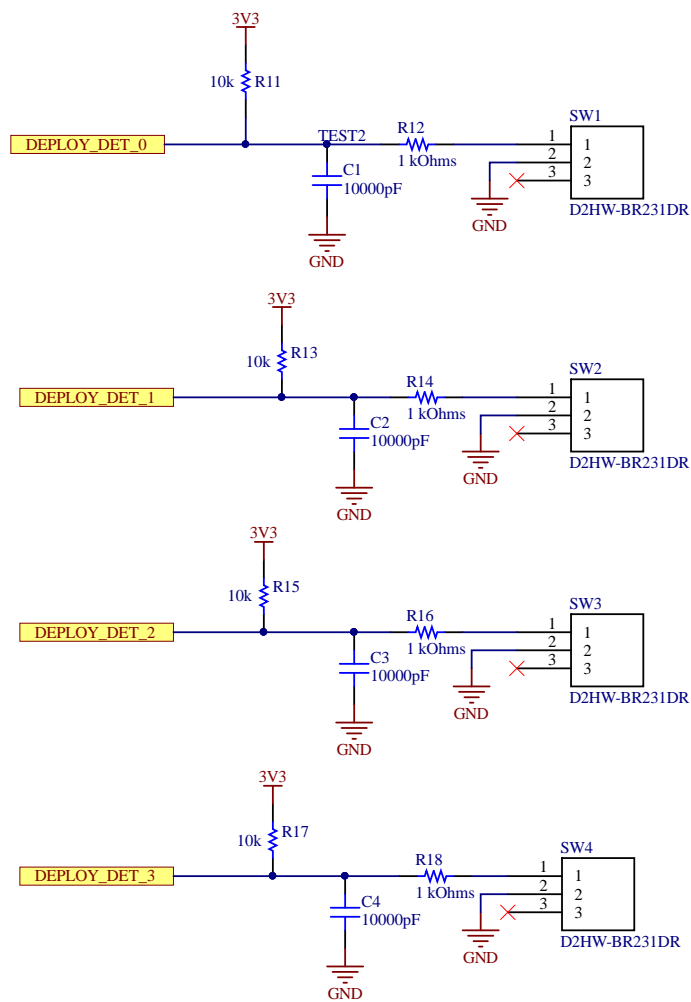
Sheet 5: Buzzer and Solenoid

Sheet 6: Board Conns

Title <i>SPEX - INTERFACE -ToC</i>			<i>RIT Space Exploration Team Rochester Institute of Technology 1 Lomb Memorial Drive Rochester, NY 14623 https://spex.rit.edu</i> 
Size: A4	Author: Derek Belsky	Revision: 0	
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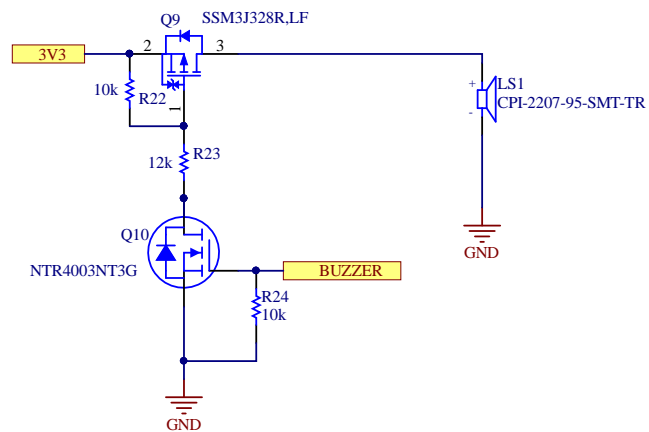
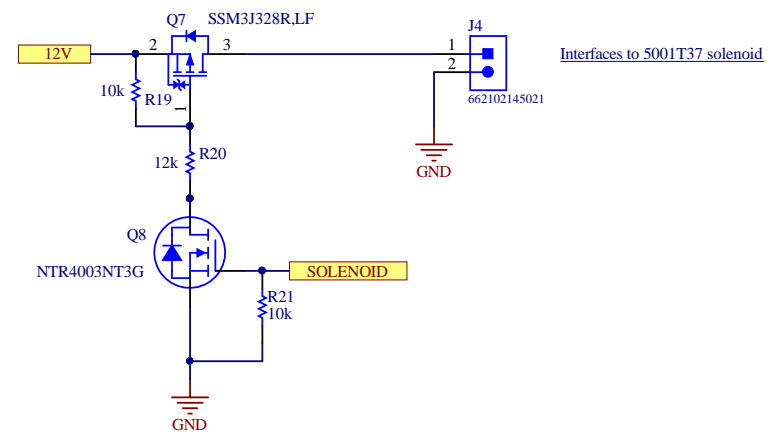






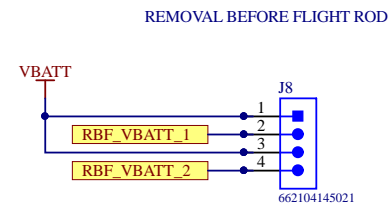
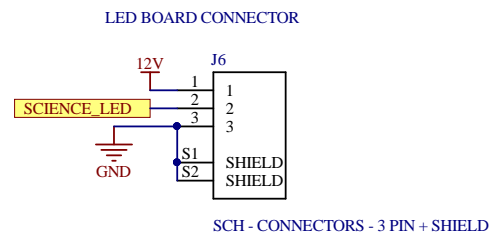
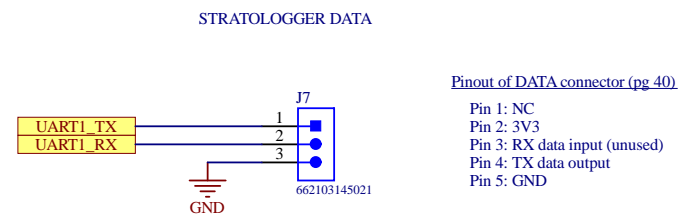
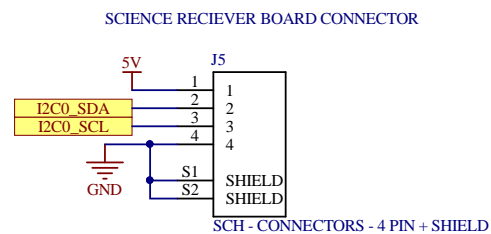
Title <i>SPEX - INTERFACE - SWITCHES</i>			RIT Space Exploration Team Rochester Institute of Technology 1 Lomb Memorial Drive Rochester, NY 14623 https://spex.rit.edu
Size: A4	Author: Derek Belsky	Revision: 0	
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Title <i>SPEX - INTERFACE - BUZZER</i>			RIT Space Exploration Team Rochester Institute of Technology 1 Lomb Memorial Drive Rochester, NY 14623 https://spex.rit.edu
Size: A4	Author: Derek Belsky	Revision: 0	
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Comment	Description	Designator	Footprint	LibRef	Quantity
10000pF	CAP CER 10000PF 16	C1, C2, C3, C4	CAP 0603_1608	C0603S103K4RACTU	4
Red	LED RED CHIP SMD	D1, D2	LED 1206_3216 RED	HSMC-C350	2
ESQ-126-39-G-D	52 Position Elevated S	J1	SAMTEC_ESQ-126-39	ESQ-126-39-G-D	1
662102145021	SMT Male Header WR	J2, J3, J4	662102145021	CMP-1502-00482-1	3
SCH - CONNECTORS	Connector Header Su	J5	PCB - CONNECTOR -	SCH - CONNECTORS	1
SCH - CONNECTORS	Connector Header Su	J6	PCB - CONNECTOR -	SCH - CONNECTORS	1
662103145021	SMT Male Header WR	J7	662103145021	CMP-1502-00483-1	1
662104145021	SMT Male Header WR	J8	662104145021	CMP-1502-00484-1	1
CPI-2207-95-SMT-TR	22.1 mm, 12 Vdc, 95	LS1	XDCR_CPI-2207-95-	CPI-2207-95-SMT-TR	1
SSM3J328R,LF	TOSHIBA Field-Effect	Q1, Q4, Q7, Q9	TOSH-SOT-23F_V	CMP-2100-03686-1	4
NTR4003NT3G	MOSFET N-CH 30V 50	Q2, Q5, Q8, Q10	ON SEMI SOT-23-3	NTR4003NT3G	4
IRLML6344TRPBF	MOSFET N-CH 30V 5A	Q3, Q6	INFINEON SOT-23-3	IRLML6344TRPBF	2
CRCW060310K0FKEA	Chip Resistor, 10 KOh	R1, R3, R5, R6, R8, R	RESC1609X50X30NL8	CMP-1666-00005-4,	13
CRCW060312K0FKEA		R2, R7, R20, R23	RESC1609X50X30LL1	CMP-2000-03877-1	4
510 Ohms	RES SMD 510 OHM 1%	R4, R9	RES 0603_1608	CRCW0603510RFKEA	2
1 kOhms	Chip Resistor, 10 KOh	R11, R12, R14, R15, R	RES 0603_1608	CMP-1666-00005-4,	5
D2HW-BR231DR		SW1, SW2, SW3, SW4		D2HW-BR231DR	4