University of Wyoming Distributed Robotics Laboratory
XSRF Version 2.0 PCB Assembly Bill of Materials and Checklist
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C1	100nf												
C2	100nf												
C3	100nf												
C6	100nf												
C7	1nf												
C8	1nf												
C9	1nf												
C10	1nf												
C4	1uf												
C5	22uf												
D1	1N4001												
J1	6-pin MSIP												
J2	2-pin MSIP												
Q1	2N3905												
R14	0												
R8	220												
R12	220												
R2	10k												
R19	120k												
R20	120k												
R1	1k2												
R16	1k2												
R18	1k2												
R3	2k2												
R5	2k2												
R7	2k2												
R11	2k2												
R4	36k												
R6	36k												
R9	62k												
R13	62k												
R17	62k												
R10	infty												
R15	infty												
RP1	1M												
RP2	1M												
U1	PIC12F675												
U2	MAX232												
U3	LMC6032												
U4	LMC6032												
U5	LP311												
U6	LP311												
U7(TX only)	MAX352												