

Bill of Materials JGB VER 0.2

REF	VALUE	DIGIKEY P/N
C1	0.1u	490-1524-1-ND
C2	47u	PCE5005CT-ND
C3	47u	PCE5005CT-ND
C4	0.1u	490-1524-1-ND
C5	0.1u	490-1524-1-ND
C6	0.1u	490-1524-1-ND
C7	10p	490-1403-1-ND
C8	10p	490-1403-1-ND
D1	PWR	732-4982-1-ND
D2	RX	732-4981-1-ND
D3	TX	732-4978-1-ND
D4	CANTX	732-4978-1-ND
D5	CANRX	732-4981-1-ND
D6	RELAY1	732-4971-1-ND
D7	RELAY2	732-4971-1-ND
D8	RELAY3	732-4971-1-ND
D9	DIODE	SK310A-LTPMSCT-ND
D10	DIODE	SK310A-LTPMSCT-ND
D11	DIODE	SK310A-LTPMSCT-ND
ISP1	ISP1	3M15451-ND
J1	PWR	ED2609-ND
J2	USB	609-4613-1-ND
J3	RELAY	ED2609-ND
J4	RELAY	ED2609-ND
J5	RELAY	ED2609-ND
J6	GPIO	ED2615-ND
J7	AMP/D2A	ED2615-ND
J8	ADC	ED2615-ND
J9	CAN	ED2609-ND
JP1	JUMPER3	952-2264-ND
R1	220	RHM220CGCT-ND
R2	100	
R3	100	
R4	10k	RHM10KCGCT-ND
R5	1k	RHM1.0KCGCT-ND
R6	1k	RHM1.0KCGCT-ND
R7	1k	RHM1.0KCGCT-ND
R8	1k	RHM1.0KCGCT-ND
R9	220	RHM220CGCT-ND
R10	220	RHM220CGCT-ND
R11	220	RHM220CGCT-ND
R12	10k	RHM10KCGCT-ND
R13	1k	RHM1.0KCGCT-ND
R14	1k	RHM1.0KCGCT-ND
R15	1k	RHM1.0KCGCT-ND

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R16	120	
SW1	RESET	401-1427-1-ND
SW2	FTDI	
U1	NCP1117ST50T3G	NCP1117ST50T3GOSCT-ND
U2	FT232RL	768-1007-1-ND
U3	ATMEGA16M1-A	ATMEGA16M1-15AZCT-ND
U4	MCP2551-I/SN	MCP2551T-E/SNCT-ND
U5	RELAY_VO14642AT	VO14642AABCT-ND
U6	RELAY_VO14642AT	VO14642AABCT-ND
U7	RELAY_VO14642AT	VO14642AABCT-ND
X1	16MHz	644-1037-1-ND