



Adjustable Voltage Regulator

Pogo Pins

Title		
Size	Number	Revision
A		
Date:	11/5/2018	Sheet of
File:	C:\Users\...\Sheet1.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap	Capacitor	C1, C2, C3, C4, C5, C6, C7	RAD-0.3	Cap	7
1N4001	Default Diode	D1, D2, D3, D4, D5, D6	SMC	Diode	6
0914-0-15-20-77-14-11-0	CONN PIN SPRING-LOADED PCB GOLD	J1, J11	MillMax0_025	0914-0-15-20-77-14-11-0	2
0914-1-15-20-77-14-11-0	CONNECTOR	J2, J3, J8, J9, J10	MillMax0_025	0914-1-15-20-77-14-11-0	5
0914-2-15-20-77-14-11-0	CONN PIN PCB .362"	J4, J5, J6, J7	MillMax0_025	0914-2-15-20-77-14-11-0	4
Phonejack2	Jack Socket, 1/4" [6.5mm], Thru-Hole, Vertical, 2-Conductor Open Circuit	J12, J13	JACK/6-V2	Phonejack2	2
PWR2.5	Low Voltage Power Supply Connector	J14	KLD-0202	PWR2.5	1
EA2-5SNJ	Low Signal Relays - PCB 5VDC SINGLE LATCH	K1		EA2-5SNJ	1
2N3906	PNP General Purpose Amplifier	Q1, Q2	TO-92A	2N3906	2
2N3904	NPN General Purpose Amplifier	Q3, Q4	TO-92A	2N3904	2
NX7002AK,215	Single N-Channel Trench MOSFET, 60 V, -55 to 150 degC, 3-Pin SOT23, Tape and Reel	Q5, Q6	NXP-SOT23_N	NX7002AK,215	2
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16	AXIAL-0.3	Res1	16
SN74HC7002D	Quadruple Positive-NOR Gates With Schmitt-Trigger Inputs, D0014A, TUBE	U1, U2	D0014A_N	SN74HC7002D	2
LM317T	1.5A, 1.2V to 37V Adjustable Voltage Regulator, 3-Pin TO-220	U3	TO-220	LM317T	1
L7805ABV	Positive Voltage Regulator, 5V, 3-Pin TO-220	U4	TO220	L7805ABV	1