

Ref Des.	Value		Package	Part
C1	.1uf			CAPACITOR
C2	.1uf			CAPACITOR
C3	470pf			CAPACITOR
C4	220pf			CAPACITOR
C5	220pf			CAPACITOR
C6	10uf	50vdc		Electrolytic Capacitor
C7	10uf	7vdc		Electrolytic Capacitor
C8	.1uf			CAPACITOR
D1		1N4737		Zener DIODE
IC1	74HC14N		DIL14	Hex SCHMITT TRIGGER
IC2	LM317HV		TO220	VOLTAGE REGULATOR
IC3	SLA7062M	SLA7062M		UNIPOLAR STEPPER-MOTOR IC
JP1			2X05	PIN HEADER
JP2			1X02	PIN HEADER
JP3			2X03	PIN HEADER
LED1			LED3MM	LED
Q1	BSS92	BSS92	TO92	P-CHANNEL MOS FET
Q2	BSS92	BSS92	TO92	P-CHANNEL MOS FET
R1	4.7K	1/8W		RESISTOR
R2	1K	1/8W		RESISTOR
R3	680	1/8W		RESISTOR
R4	220	1/8W		RESISTOR
R5	680	1/8W		RESISTOR
R6	4.7K	1/8W		RESISTOR
R7	10K	1/8W		RESISTOR
R8	10K	Trim Pot	3296W	Trimm resistor
R9	10K	1/8W		RESISTOR
R10	.5 ohm	2W		RESISTOR
R11	.5 ohm	2W		RESISTOR
R12	10K	1/8W		RESISTOR
R13	12K	1/8W		RESISTOR
R14	1K	1/8W		RESISTOR
R15	1K	1/8W		RESISTOR
R16	1K	1/8W		RESISTOR
R17	470	1/8W		RESISTOR
R18	680	1/8W		RESISTOR
R19	.5 ohm	2W		RESISTOR
R20	.5 ohm	2W		RESISTOR
X1				2 terminal screw contact *
X2				2 terminal screw contact *
X4				2 terminal screw contact *

* 1985865 Phoenix @ Mouser.com P/N 651-1985865
* 1716020000 Weidmuller @ Digikey.com P/N 281-1435-ND