BCD POT BOM

Part Value Description

AC 1751248 Terminal block (2 lug)

B1 DB102S 1 amp bridge rectifier

BALANCE 1751248 Terminal block (2 lug)

C1 1000uF/25V E5-10,5 POLARIZED CAPACITOR

C2 .01uF CAPACITOR, (1206 package)

C3 .1uF CAPACITOR, (1206)

C4 .33F EDSL-SUPERCAP .33 F Mouser

D1,D15 1N914B SOD123(ALSO\_LL-34) DIODE

EM1 Optical Encoder EM14 (64 position) EM14 Bourns optical rotary encoder

IC1 78L05 VOLTAGE REGULATOR (TO-92 package)

IC2 L78M12 Regulator .5a (DPACK package)

IC3 TINY48 ATTINY48 (DIP 28 package)

LEFT 1751251 terminal block (2 lug)

LY1,2,4,8,16,32,64 RELAY Axicom FX2 D3226

Q1-Q14 2N3904 NPN TRANSISTOR (SOT23 package)

R1-R49 resistor Panasonic, ERA-6AEB(value)V 0805 package

R50 0 ohms 0805 zero ohms or jumper ok , see text

R51-R57 4.7k RESISTOR, (1206 package)

R58-R60,R68 100 ohms RESISTOR, (1206 package)

R61-R67 4.7k RESISTOR, (1206 package)

RIGHT 1751251 terminal block (3 lug)

RY1,2,4,8,16,323,64 Axicom FX2 D3226

S1 B3F-10XX OMRON SWITCH

SV1 MA06-1 PIN HEADER .1” spacing