

Ref#	Description	Digi-Key part#	Qty	Comment
D1, D8	1N4148	1N4148TACT-ND	2	
D2	1N4744A	1N4744AFSCT-ND	1	
D3, D4, D5	LED	754-1266-ND	3	
D6A, D7A	1N5821	1N5821DICT-ND	2	
D6B, D7B	SBL845	SBL845DI-ND		
U1	BQ2031	296-9350-5-ND	1	
U2	78L05	LM78L05ACZFS-ND	1	
U3	TLC27L2ACP	296-7370-5-ND	1	
Q1	MTP23P06V	FQP47P06-ND	1	alternate
Q2, Q5	2N3904	2N3904TFCT-ND	2	
Q3, Q4	ZTX790A	ZTX790A-ND	2	
L1	200uH	M8813-ND	1	
C1, C2, C5, C10, C13, C15	0.1uF	BC1101CT-ND	6	
C3, C7, C9	10uF	P980-ND	3	
C4, C12	1000pF	BC1089CT-ND	2	
C6	1000uF 35V	493-1589-ND	1	
C8	not used		1	
C11	0.01uF	BC1078CT-ND	1	
C14	470uF	P5168-ND	1	
R1, R18, R27	1K	P1.0KBACT-ND	3	
R2, R28 (note 1)	6.81K 1%	6.81KXBK-ND	1	
R3 (note 1)	3.74K 1%	3.74KXBK-ND	0	
R4, R6, R9, R10, R11	10K	10.0KXBK-ND	5	
R5	62K	P62.0KCACT-ND	1	
R7 (note 1)	100K	100KXBK-ND	3	
R8	220R	P220CACT-ND	1	
R12	49.9K 1%	PPC49.9KYCT-ND	1	
R13	0R	wire jumper	1	
R14	261K 1%	261KXBK-ND	1	
R15	102K 1%	not used	0	
R16	52.3K 1%	not used	0	
R17	154K 1%	not used	0	
R19	464K 1%	464KXBK-ND	1	
R20	0.10R 1W	WNBR10FECT-ND	1	
R21	20K	20.0KXBK-ND	1	
R22	470R	P470W-1BK-ND	1	
R23, R26	8.2K	P8.20KCACT-ND	1	
R24, R25	18K	P18.0KCACT-ND	2	
R29, R30	0.05R 1W	LVRA-.05RCT-ND	2	
J1, J3	3 pos. terminal block	A98334-ND	2	
J2, J4	4 pos. terminal block	A98335-ND	2	

J5	2 pos. terminal block	A98333-ND	1	
J6	8 pin DIP socket	ED4308-ND	1	
J7	16 pin DIP socket	ED4316-ND	1	
note 1: when no thermistor R2 = R3 = 100K				