

Line #	Designator	Value	Description	Quantity
	C1, C2, C6, C12, C15, C18, C20, C22	104	Capacitor	8
	C3, C4, C7, C9	105	Capacitor	4
	C5, C11, C21	10uF	Polarized Capacitor (Radial)	3
	C8, C10	226	Capacitor	2
	C13	474	Capacitor	1
	C14, C16, C17, C19	224	Capacitor	4
	D1		1 Amp General Purpose Rectifier	1
	D2		Typical RED GaAs LED	1
	D3		Typical RED GaAs LED	1
	D4		Typical RED GaAs LED	1
	Q1		PNP Bipolar Transistor	1
	R1, R2, R21	10K	Resistor	3
	R3, R4, R18	0R	Resistor	3
	R5	10K	Potentiometer	1
	R6, R8, R15, R16	47K	Resistor	4
	R7	43K	Resistor	1
	R9, R11	20K	Resistor	2
	R10	150K	Resistor	1
	R12, R13, R14, R22	4.7K	Resistor	4
	R17	270K	Resistor	1
	R19	1K	Potentiometer	1
	R20	30K	Resistor	1
	R23, R24, R25	10k	Resistor	3
	R26	100	Resistor	1
	R27, R28, R29	1K	Resistor	3
	U1		REF5020	1
	U2		REF5025	1
	U3, U4		DAC8571	2
	U5, U9		OPA2335	2
	U6		REF3230	1
	U7		LCD1602	1
	U8		DC3-12P	1
	U10		STC89C516CORE	1
	U11		CODEKEY	1
	U12		ADS1115	1
	U13		BEEPER	1
	U14		CODEKEY	1
	U15		SG3030CM	1
	U16		SERIAL4P	1
	U17		AT24C02	1