Designator	Package	Designation	Quantity
C1	C_Disc_D5.0mm_W2.5mm_P2.50mm	15n	1
C18	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	10n	1
C2	CP_Radial_D10.0mm_P5.00mm	470u/25V	1
C23,C22,C21,C20,C19,C5,C17,C16,C15,C14,C13,C12,C11,C10,C9,C8	C_0805_2012Metric_Pad1.15x1.40mm_HandSolder	100n	16
C36,C35	C_Disc_D3.8mm_W2.6mm_P2.50mm	22p	2
C4,C31,C6	CP_Radial_D8.0mm_P3.50mm	220u/16V	3
C40	CP_Radial_D6.3mm_P2.50mm	220u/16V	1
C41,C42	C_Disc_D5.0mm_W2.5mm_P2.50mm	4.7n	2
C43	C_Trim_D6.3mm_P5.50mm	30p	1
C47	CP_Radial_D5.0mm_P2.00mm	1u	1
C48,C46,C45,C44	CP_Radial_D5.0mm_P2.00mm	10u/16V	4
C50,C49,C25,C7,C30,C26,C32,C3,C29,C34,C33,C28,C27,C24,C37,C38,C39	C_Disc_D5.0mm_W2.5mm_P2.50mm	100n	17
D1	LED_D4.0mm	LED	1
D11,D14,D13,D12,D10,D9,D8,D7,D6,D5,D4	D_DO-35_SOD27_P2.54mm_Vertical_AnodeUp	BAT85	11
D2	Diode_Bridge_Round_D10.0mm	2W10	1
D3	D_DO-201AD_P5.08mm_Vertical_AnodeUp	1N5820	1
J1	BarrelJack_Horizontal	DS-210	1
J10	CUI_RCJ-01X-WIDE	RCJ-014	1
J12,J15	PJ-313	PJ-313	2
J13	PinHeader_1x10_P2.54mm_Vertical	PinHeader	1
J14,J17	PinHeader_2x01_P2.54mm_Vertical	PinHeader	2
J16	GCT-MEM2055-00-190-01-A	MEM2055-00-190-01-A	1
J3	PinHeader_1x05_P2.54mm_Vertical	PinHeader	1
J4	FFC_FPC_1x08	DS1020-08	1
J5	FFC_FPC_1x05	DS1020-05	1
J6,J8,J11	PinHeader_2x05_P2.54mm_Vertical	PinHeader	3
J7	DSUB-9_Male_Horizontal_P2.77x2.84mm_EdgePinOffset4.94mm_Housed_MountingHolesOffset7.48mm	DB9-M	1
J9	minidin-9	Mini-DIN-9	1
JP3,JP4,JP2	PinHeader_1x02_P2.54mm_Vertical	Jumper	3
L1	L_Radial_D8.7mm_P5.00mm_Fastron_07HCP	68uH/2A	1
L3	L_Radial_D8.7mm_P5.00mm_Fastron_07HCP	220u/0.2A	1
LS1	PinHeader_1x02_P2.54mm_Vertical	PinHeader	1
Q4,Q3,Q2,Q1	TO-92_Inline	BC549B	4
R1,R25,R20,R12	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	3k	4
R11,R9,R23	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	270	3
R18,R5,R14,R13	R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	10k	4
R2,R53,R48	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	1k	3
R28,R27,R26,R22,R17,R10	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	1.5k	6
R29,R16,R21,R30,R24,R19	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	68	6
R3	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	470	1
R34,R35,R36,R31	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	75	4
R44,R43,R40,R39,R38,R37	R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	1k	6
R46,R45	R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	4.7k	2
R49	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	100k	1
R50,R54,R55,R47,R51	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	10k	5
R52,R15	R_Axial_DIN0207_L6.3mm_D2.5mm_P2.54mm_Vertical	1M	2
R7,R6,R42,R41	R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	2k	4
R8,R4	R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	470	2
RN2,RN3,RN1	R_Array_SIP9	10k	3
RV1	Potentiometer_Runtron_RM-063_Horizontal	RM063 47k	1
SW1	Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical	Jumper	1
SW2,SW3	SW_Tactile_SPST_Angled_PTS645Vx83-2LFS	Button THT	2
TP2,TP3,TP1,TP8,TP7,TP6,TP5,TP4	TestPoint_Pad_D1.0mm	TestPoint	8
U1	TO-220-263-5_Horizontal_TabDown	LM2596T-ADJ	1
U11	SOIC-16W_7.5x10.3mm_P1.27mm	AD724	1
U12	DIP-32_W15.24mm_Socket	AS6C4008-55PCN	1
U13	SOIC-16_3.9x9.9mm_P1.27mm	74HCT4053D	1
U14	DIP-40_W15.24mm_Socket	AY-3-8910	1
U15	DIP-8_W7.62mm_Socket	LM311N	1
U2	SOT-223-3_TabPin2	AMS1117-3.3	1
U3,U10,U5,U7	TSSOP-20_4.4x6.5mm_P0.65mm	SN74CB3T3245PW	4
U4	DIP-40_W15.24mm_Socket	Z84C0010PEC	1
U6	LQFP-144_20x20mm_P0.5mm	EPM1270T144	1
U8	DIP-32_W15.24mm_Socket	SST39SF040	1
U9	DIP-14_W7.62mm_Socket	74HCU04	1
Y1	Crystal_HC49-U_Vertical	28 MHz	1
Y2	Crystal_HC49-U_Vertical	4.433 MHz	1