

	value	rating	type	pitch	Manufacturer:	Mfr. #:	Desc.:
C01	100nF	>100V	ceramic	5.1mm	Xicon	140-100V9-104Z-RC	Ceramic Disc Capacitors 100V .1uF Y5V +80%/-20% Tol
C02	100nF	>100V	ceramic	5.1mm	Xicon	140-100V9-104Z-RC	Ceramic Disc Capacitors 100V .1uF Y5V +80%/-20% Tol
C03	various	>100V	ceramic	variety	Kemet	C350C105K1R5HA	Multilayer Ceramic Capacitors (MLCC) - Leaded C350 1uF 100volts X7R 10%
C04	220pF	<10V	ceramic	5.1mm	Murata	RDER71E104K0K1C03B	Multilayer Ceramic Capacitors (MLCC) - Leaded 0.1uF 25volts X7R 10%
C05	100pF	>100V	ceramic	5.1mm	Kemet	C323C101J1G5TA	Multilayer Ceramic Capacitors (MLCC) - Leaded C323 100pF 100volts C0G 5%
C06	100uF or 47uF	>100V	aluminum	4mm	Nichicon	UPM1J470MPD	Aluminum Electrolytic Capacitors - Leaded 63volts 47uF 8x11.5 20% 3.5LS
C07	100nF	<10V	ceramic	5.1mm	Xicon	140-100V9-104Z-RC	Ceramic Disc Capacitors 100V .1uF Y5V +80%/-20% Tol
C08	47uF	>100V	aluminum	4.1mm	Nichicon	UPM1J470MPD	Aluminum Electrolytic Capacitors - Leaded 63volts 47uF 8x11.5 20% 3.5LS
C09	47uF	>100V	aluminum	5mm	Nichicon	UPM1J470MPD	Aluminum Electrolytic Capacitors - Leaded 63volts 47uF 8x11.5 20% 3.5LS
C10	56pF	>100V	silver mica	5.1mm	Cornell Dubilier	CD5EC560JO3F	Mica Capacitors 56pF 300V +/-5%
C11 A&B	220uF	>100V	aluminum	5mm	Nichicon	UKW2A221MHD	Aluminum Electrolytic Capacitors - Leaded 100volts 220uF Radial
C12 A&B	100nF	>100V	ceramic	5.1mm	Xicon	140-100V9-104Z-RC	Ceramic Disc Capacitors 100V .1uF Y5V +80%/-20% Tol
C13	22uF	>2.4V	aluminum	4mm	Nichicon	UKZ2A220MPM	Aluminum Electrolytic Capacitors - Leaded 100volts 22uF 105c 10x16 5LS
C14	220nF	>100V	ceramic	10.1mm	AVX	SR271E224MAA	Multilayer Ceramic Capacitors (MLCC) - Leaded 100volts 0.22uF 20% Z5U
C15 A&B	470uF	>100V	aluminum	7.6mm	Nichicon	UKW2A471MHD	Aluminum Electrolytic Capacitors - Leaded 100volts 470uF Radial
C16 A-D	10,000uF	>80V	aluminum	10mm	United Chemi-Con	ESMH800VNN103MA50T	Aluminum Electrolytic Capacitors - Snap In 10KUF 80V
C17	47nF?	400V	ceramic	5.1mm	Vishay	440LQ68-R	Ceramic Disc Capacitors 68pF
R01	47k	1/4W	metal film	10.1mm	Vishay	CMF5547K000FHEK	Metal Film Resistors - Through Hole 1/4watt 47Kohms 1%
R03	220	1/4W	metal film	10.1mm	Xicon	271-220-RC	Metal Film Resistors - Through Hole 220ohms 1% 50PPM
R04 A&B	68	1/4W	metal film	10mm	Xicon	271-68-RC	Metal Film Resistors - Through Hole 68ohms 1% 50PPM
R05 A&B	100	1/4W	metal film	10mm	Vishay	CCF50100RFKR36	Metal Film Resistors - Through Hole 1/3watts 100ohms 1%
R06	220	1/4W	metal film	10mm	Xicon	271-220-RC	Metal Film Resistors - Through Hole 220ohms 1% 50PPM
R07	100	1/4W	metal film	10mm	Vishay	CCF50100RFKR36	Metal Film Resistors - Through Hole 1/3watts 100ohms 1%
R08 A&B	8.2k	1/4W	metal film	10mm	Xicon	271-8.2K-RC	Metal Film Resistors - Through Hole 8.2Kohms 1% 50PPM
R09	390	1/4W	metal film	10.1mm	Vishay	SFR16S0003900FR500	Metal Film Resistors - Through Hole 1/2watt 390ohms 1%

R10	2.2k	1/4W	metal film	10mm	Vishay	RN70E2201FB14	Metal Film Resistors - Through Hole 1/2watt 2.2Kohms 1% 25ppm
R11	47k	1/4W	metal film	10mm	Vishay	CMF5547K000FHEK	Metal Film Resistors - Through Hole 1/4watt 47Kohms 1%
R13	22	1/4W	metal film	10mm	Vishay	RN60D22R0FB14	Metal Film Resistors - Through Hole 1/4watt 22ohms 1% 100ppm Non Std
R14	470	1/4W	metal film	14.8mm	Xicon	271-470-RC	Metal Film Resistors - Through Hole 470ohms 1% 50PPM
R15	330	1/4W	metal film	10.1mm	Vishay	RL07S331GB14	Metal Film Resistors - Through Hole 1/4watt 330ohms 2%
R16	470	1/4W	metal film	10mm	Xicon	271-470-RC	Metal Film Resistors - Through Hole 470ohms 1% 50PPM
R17	1k	1/4W	metal film	10.1mm	Vishay	CMF551K0000FKBF	Metal Film Resistors - Through Hole 1/4watt 1Kohms 1%
R19	2.2k	1/4W	metal film	10mm	Vishay	RN70E2201FB14	Metal Film Resistors - Through Hole 1/2watt 2.2Kohms 1% 25ppm
R20	variable 1k	1/4W	Cermet	2.5 & 2.5mm	Vishay	M64W102KB40	Trimmer Resistors - Through Hole 3/8 SQ 1Kohms Multi Turn Cermet
R21	680	1/4W	metal film	10mm	Xicon	271-680-RC	Metal Film Resistors - Through Hole 680ohms 1% 50PPM
R22	2.7	1/4W	metal film	10.1mm	KOA Speer	MF1/4DC2R70F	Metal Film Resistors - Through Hole 2.7ohm 1% 100PPM
R23 A&B	22	1/4W	metal film	10mm	Vishay	RN60D22R0FB14	Metal Film Resistors - Through Hole 1/4watt 22ohms 1% 100ppm Non Std
R24 A-J	2.2	1W	metal film	10mm	Vishay	PR01000102208JR500	Metal Film Resistors - Through Hole 1watt 2.2ohms 5%
R25	150	1/4W	metal film	15mm	Vishay	CMF55150R00FHEK	Metal Film Resistors - Through Hole 1/4watt 150ohms 1%
R26 A-J	0.47	3W	metal film	26mm	KOA Speer	MOSX3LT631RR47J	Metal Oxide Resistors 3watts 0.47ohms 5%
R27	10	1W to 5W	metal film	21.5mm	Vishay	CPF310R000FKEE6	Metal Film Resistors - Through Hole 3watts 10ohms 1%
R28	15	3W	metal film	15.2mm	Vishay	RS02B15R00FE12	Wirewound Resistors - Through Hole 3watts 15ohms 1%
R29	10	1/4W	metal film	10mm	Vishay	CPF110R000FKE14	Metal Film Resistors - Through Hole 1watt 10ohms 1%
R30	10	1W	metal film	10mm	Vishay	CPF110R000FKE14	Metal Film Resistors - Through Hole 1watt 10ohms 1%
T1 A-D	2N5401				ON Semiconductor	2N5401G	Bipolar Small Signal 500mA 160V PNP
T2 A,B,C	2N5551				ON Semiconductor	2N5551G	Bipolar Small Signal 600mA 180V NPN
T3 A&B	MJE15030				ON Semiconductor	MJE15030G	Bipolar Power 8A 150V 50W NPN
T4	MJE15031				ON Semiconductor	MJE15031G	Bipolar Power 8A 150V 50W PNP
T5	MJE15032				ON Semiconductor	MJE15032G	Bipolar Power 8A 250V 50W NPN
T6	MJE15033				ON Semiconductor	MJE15033G	Bipolar Power 8A 250V 50W PNP
T7 A-E	MLJ3281A				ON Semiconductor	MJL3281AG	Bipolar Power 15A 230V 200W NPN
T8 A-E	MLJ1302A				ON Semiconductor	MJL1302AG	Bipolar Power 15A 230V 200W PNP
D1-D4	1N4007			7.6mm	ON Semiconductor	1N4007G	Rectifiers 1000V 1A Standard
fuse holder					Littelfuse	65600001009	Fuseholders, Clips, & Hardware 5 X 20MM FUSE BLOCK
terminal blocks	1 point			5.08mm	Phoenix Contact	1706701	Fixed Terminal Blocks 1P 5.08mm 135DEG
terminal blocks	2 point			5.08mm	Phoenix Contact	1705469	Fixed Terminal Blocks 2P 5.08mm 40DEG