

Part Type	Designator	Footprint	Part Type	Part Number	Specification	Source
0.001uF	C17	0805A	CAP, CHIP	C0805X102K05T	.001uF, 10%, 50V	DURAN
0.01uF	C4	0805A	CAP, CHIP	C0805X103K05T	.01uF, 10%, 50V	DURAN
0.01uF	C23	0805A	CAP, CHIP	C0805X103K05T	.01uF, 10%, 50V	DURAN
0.01uF	C22	0805A	CAP, CHIP	C0805X103K05T	.01uF, 10%, 50V	DURAN
0.1uF	C14	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C27	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C15	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C21	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C11	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
0.1uF	C26	0805A	CAP, CHIP	C0805X104K05T	0.1uF, 10%, 50V	DURAN
1.8K	R17	1206A	RES, CHIP	RC1206GR07-182	5%, 1/4W, 200PPM	YAGEO
100	R9	1206A	RES, CHIP	RC1206GR07-101	5%, 1/4W, 200PPM	YAGEO
100	R27	1206A	RES, CHIP	RC1206GR07-101	5%, 1/4W, 200PPM	YAGEO
1000pF	C13	0805A	CAP, CHIP	C0805N102J05T	1000pF, 5%, 50V	DURAN
1000pF	C6	0805A	CAP, CHIP	C0805N102J05T	1000pF, 5%, 50V	DURAN
100K	R14	1206A	RES, CHIP	RC1206GR07-104	5%, 1/4W, 200PPM	YAGEO
100K	R8	1206A	RES, CHIP	RC1206GR07-104	5%, 1/4W, 200PPM	YAGEO
10K	R2	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10K	R19	1206A	RES, CHIP	RC1206GR07-103	5%, 1/4W, 200PPM	YAGEO
10uF, 16V	C2	1210P	CAP, TANT	TAJC106K016R	10uF, 16V,10%,6032	AVX
10uF, 16V	C20	1210P	CAP, TANT	TAJC106K016R	10uF, 16V,10%,6032	AVX
10uF, 16V	C10	1210P	CAP, TANT	TAJC106K016R	10uF, 16V,10%,6032	AVX
10uF, 16V	C12	1210P	CAP, TANT	TAJC106K016R	10uF, 16V,10%,6032	AVX
10uF, 25V	C3	6032	CAP, TANT	TAJD106K025R	10uF, 25V, 10%	AVX
150K	R10	1206A	RES, CHIP	RC1206GR07-154	5%, 1/4W, 200PPM	YAGEO
150K	R5	1206A	RES, CHIP	RC1206GR07-154	5%, 1/4W, 200PPM	YAGEO
180K	R3	1206A	RES, CHIP	RC1206GR07-184	5%, 1/4W, 200PPM	YAGEO
1K	R13	1206A	RES, CHIP	RC1206GR07-102	5%, 1/4W, 200PPM	YAGEO
1K	R25	1206A	RES, CHIP	RC1206GR07-102	5%, 1/4W, 200PPM	YAGEO
1K	R23	1206A	RES, CHIP	RC1206GR07-102	5%, 1/4W, 200PPM	YAGEO
1N4148	D10	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D9	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D5	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D2	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D3	MELF-M	DIODE, GP	LL4148	GP	LITEON
1N4148	D1	MELF-M	DIODE, GP	LL4148	GP	LITEON
2200pF	C16	0805A	CAP, CHIP	C0805X222J05T	2200pF, 5%, 50V	DURAN
2200pF, 1000V	C5	1812A	CAP, CHIP	C1812X7R102-222JNE	2200pF, 1000V, 5%	VENKEL
2200pF, 1000V	C9	1812A	CAP, CHIP	C1812X7R102-222JNE	2200pF, 1000V, 5%	VENKEL
220K	R26	1206A	RES, CHIP	RC1206GR07-224	5%, 1/4W, 200PPM	YAGEO
22K	R6	1206A	RES, CHIP	RC1206GR07-223	5%, 1/4W, 200PPM	YAGEO
22K	R16	1206A	RES, CHIP	RC1206GR07-223	5%, 1/4W, 200PPM	YAGEO
2N2369A	Q1	SOT-23A	XTR, NPN	MMBT2369	GP	MOTO
2N3904	Q4	SOT-23A	XTR, NPN	MMBT3904	GP	LITEON
2N3906	Q5	SOT-23A	XTR, PNP	MMBT3906	GP	LITEON
2N7002	Q7	SOT-23FET	XTR, FET	2N7002	N-MOS	VISHAY
2N7002	Q6	SOT-23FET	XTR, FET	2N7002	N-MOS	VISHAY
3.9M	R11	1206A	RES, CHIP	RC1206GR07-395	5%, 1/4W, 200PPM	YAGEO
33	R28	1206A	RES, CHIP	RC1206GR07-330	5%, 1/4W, 200PPM	YAGEO
33	R29	1206A	RES, CHIP	RC1206GR07-330	5%, 1/4W, 200PPM	YAGEO
3300pF	C29	RAD1.3	CAP, POLYPROPYLENE	715P332516LD3	3300pF, 1600V	SPRAGUE
33K	R12	1206A	RES, CHIP	RC1206GR07-333	5%, 1/4W, 200PPM	YAGEO
4.7K	R31	1206A	RES, CHIP	RC1206GR07-472	5%, 1/4W, 200PPM	YAGEO
4.7K	R30	1206A	RES, CHIP	RC1206GR07-472	5%, 1/4W, 200PPM	YAGEO
4.7K	R15	1206A	RES, CHIP	RC1206GR07-472	5%, 1/4W, 200PPM	YAGEO
470K	R24	1206A	RES, CHIP	RC1206GR07-474	5%, 1/4W, 200PPM	YAGEO
470K	R7	1206A	RES, CHIP	RC1206GR07-474	5%, 1/4W, 200PPM	YAGEO
470pF	C8	0805A	CAP, CHIP	C0805N471J05T	470pF, 5%, 50V	DURAN
470uF, 25V	C28	AXIAL0.8	CAP, ELECTROLYTIC	SKA471M025	470uF, 25V	MALLORY
560	R21	1206A	RES, CHIP	RC1206GR07-561	5%, 1/4W, 200PPM	YAGEO
560	R22	1206A	RES, CHIP	RC1206GR07-561	5%, 1/4W, 200PPM	YAGEO
560K	R1	1206A	RES, CHIP	RC1206GR07-564	5%, 1/4W, 200PPM	YAGEO
56pF	C18	0805A	CAP, CHIP	C0805N560J05T	56pF, 5%,50V	DURAN
56pF	C24	0805A	CAP, CHIP	C0805N560J05T	56pF, 5%,50V	DURAN
6-35pF	C25	TRIMCAP	CAP, VARIABLE	GKG30066-07	6.5-30 pF, 220V	SPRAGUE
8.0 MHz	Y1	EFO-P	RESTNR, CERMA	EFO-P8004E5	8 MHz	PANASONIC
820	R20	1206A	RES, CHIP	RC1206GR07-821	5%, 1/4W, 200PPM	YAGEO
820	R18	1206A	RES, CHIP	RC1206GR07-821	5%, 1/4W, 200PPM	YAGEO

820	R4	1206A	RES, CHIP	RC1206GR07-821	5%, 1/4W, 200PPM	YAGEO
820pF	C1	0805A	CAP, CHIP	C0805N821J05T	820pF, 5%,50V	DURAN
FZT853	Q2	SOT-223T	XTR, NPN	FZT853	GP, PWR	ZETEX
FZT953	Q3	SOT-223T	XTR, PNP	FZT953	GP, PWR	ZETEX
HEADER 10	JP4	SIP10	CONN-10	ETCHED	10 PLC	AWID
HEADER 2	JP1	SIP2	CONN-2	ETCHED	2 PLC, SOLDERED	AWID
HEADER 2	JP2	SIP2	CONN-2	ETCHED	2 PLC, SOLDERED	AWID
HEADER 6	JP3	SIP6	Header, 6 Pls	ESS-106-T-04	connector	Samtec
LED-BI	LED2	LED-LN	LED, RED-GRN	L59EGW	1-GRN,3-RED, 25MA	KINGBRIGHT
LP2951	U1	SO-8	IC, LINEAR	LP2951CM	5V REG,SMT	NS
MC33074D	U2	SO-14	IC, OP AMP	MC33074D	QUAD	MOTO
PIC16F84-10	U4	SOL-18	IC, LOGIC	PIC16F84-10/SO	CPU,	MICROCHIP
PKM17EPP	BZ1	BZ	BUZ, CERAMIC	PE17P40AA-10A	4KHz, BUZZER	ARIOSE
RGP02-16E	D6	MELF-DLA	DIODE, HV	RGP02-16E	1 AMP, 1600V	GENERAL SEMI
SAT	C7	1812A	CAP, CHIP	C1210COG501-102JNE	1000pF, 5%, 500V	VENKEL
SMB5.0A	D15	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D14	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D11	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D13	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMB5.0A	D12	LITE-SMB	DIODE, TVS	SMBJ5.0A	5V, 600W	TSC
SMBJ12C	D7	LITE-SMB	DIODE, TVS	SMBJ12CA	12V, 600W	VISHAY
SMBJ12C	D8	LITE-SMB	DIODE, TVS	SMBJ12CA	12V, 600W	VISHAY
SMBJ15	D4	LITE-SMB	DIODE, ZENER	SMBJ15	15V, 1W	LITEON
SN74HC4024	U3	SO-14	IC, LOGIC	SN74HC4024D	7-BIT BINA COUNTER	TI
TP	TP1	TP-001	TEST POINT	ETCHED	1-PLC	AWID