



Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	CAP - 0.1UF - +/-10% - X5R - 25V - SMD0805	C1, C3, C5, C7	CAP0805	C_Generic	4
10uF	CAP - 10UF - +/-10% - X5R - 25V - SMD0805	C2, C4	CAP0805	C_Generic	2
4.7uF	CAP - 4.7UF - +/-10% - X5R - 25V - SMD0805	C8	CAP0805	C_Generic	1
1uF	CAP - 1UF - +/-10% - X5R - 25V - SMD0805	C9	CAP0805	C_Generic	1
SS14	Schottky, 1.0 Ampere Schottky Barrier Rectifiers	D1	sod-123	DIODE SCHOTTKY_0	1
HEADER 4		J1	WAFER1X4-2_54MM	HEADER 4	1
4 HEADER		J2		4 HEADER	1
27uH	Inductor - 47uH - Ir=1.3A - RF=40MHz - Rdc=100m ohm - SMD1008	L1	L1008	L_2.2uH-1.48A_CMS	1
MMBT3904	-	Q1	sot-23	NPN_0	1
AO3401	-	Q2	sot-23	TM3401	1
10K 1%	RES - 10K - +/-1% - 1/8W - SMD0805	R1, R2, R10, R11, R12, R14	r0805	R_Generic	6
33K 1%	RES - 33K - +/-1% - 1/8W - SMD0805	R3	r0805	R_Generic	1
6K8 1%	RES - 6K8 - +/-1% - 1/8W - SMD0805	R4	r0805	R_Generic	1
100K 1%	RES - 100K - +/-1% - 1/8W - SMD0805	R5	r0805	R_Generic	1
2K5 1%	RES - 0R - +/-1% - 1/8W - SMD0805	R7	r0805	R_Generic	1
250R 1%	RES - 250R - +/-1% - 1/8W - SMD0805	R8	r0805	R_Generic	1
0R 1%	RES - 0R - +/-1% - 1/8W - SMD0805	R9	r0805	R_Generic	1
NC	RES - 0R - +/-1% - 1/8W - SMD0805, RES - 1M - +/-1% - 1/8W - SMD0805	R13, R16	r0805	R_Generic	2
1K 1%	RES - 1K - +/-1% - 1/8W - SMD0805	R15	r0805	R_Generic	1
1R 0.1%	RES - 1R - +/-0.1% - 1/8W - SMD0805	R17	r0805	R_Generic	1
AMS1117-5	-	U1	SOT223	AS1117	1
AD8606AR	Precision, Low Noise, CMOS, Rail-to-Rail, Input/Output Operational Amplifiers	U2	sop8_244_0500_069	AD8032ARZ	1
TL431ACDBZR	TL43xx Precision Programmable Reference	U3	SOT-23-3	TL431	1
MT7201C	LED Driver	U4	sot89-5	MT7201C	1