

PART LIST**Splitter**

Item	Description	Part #	Reference
1	Temperature Sensor	LM35D	U4
2	Transistor, NPN	MMBT3904	Q1-2
3	Splitter, Quadrature, SMT	S03A888N1	H1
4	Diode, Schottky	HSMS2800	D1
5	Dual OP-AMP	MC33172D	U3
6	Regulator, 5V	MC78T05CT	U1
7	Regulator, 15V	MC78T15CT	U2

Final Amp

Item	Description	Part #	Reference
1	RF Transistor	PTF10020	U3
2	Regulator, 15V	78L15ACM	U1

Combiner/Circulator/ LPF

Item	Description	Part #	Reference
1	Coupler, Quadrature	RFP-915-90-400-201	H1
2	Diode, Schottky	HSMS2800	D1-2
3	Circulator, 869-894MHZ 200W	DF1193	FIL1