

Parts List

Ref Name	Description	Part No.
P2	Power connector	TBD
P3	Video In	TBD
J1	External RF out	TBD
J2	External Video In	TBD
J3	External Audio In	TBD
S1	Switch	SW-PB
SW1	Mechanical switch	94HBB08RAT
D1	Protection diode	SE20AFD
D2	Schotky Diode	15MQ040NPBF
U1	Regulator +9V	LM2591-ADJ
C2	100uF Cap	TBD
C3	100uF Cap	TBD
C4	330uF Cap	TBD
C5	10uF Cap	TBD
L1	100uH Inductor	TBD
R1	1K Resistor	TBD
R2	7.15K Resistor	TBD
R3	6.8K Resistor	TBD

References

[1] F.M. Gardner: Phaselock Techniques. New York: J. Wiley, 1966, 2nd ed 1979

[2] W.F. Egan, Frequency Synthesis by Phase Lok, New York: J. Wiley, 1998, 2nd ed. 2000.