



Project Time Box Project  
Title Filter Prototyping Board  
Designer Nicolas Boucquey  
File FilterPrototypingBoardBOM.ods  
Date 26/08/16

Reference	Quantity	Description	Value	Manufacturer P/N	Case
C1 C2 C3 C5	4	± 10% 50V CER X7R Capacitor	4u7	GENERIC C0603_4.7UF_50V_10%_X7R	0603
C4	1	± 10% 50V CER X7R Capacitor	100n	GENERIC C0603_100NF_50V_10%_X7R	0603
C6	1	± 10% 50V CER X7R Capacitor	10u	GENERIC C0603_10UF_50V_10%_X7R	0603
J1 J2 J3 J4	4	CONN SMA JACK R/A 50 OHM Horizontal	5-1814400-1	TE Connectivity AMP Connectors 5-1814400-1	
L1 L2	2	FERRITE BEAD 180 OHM 1806 1LN	BLM41PG181SN1	Murata Electronics North America BLM41PG181SN1	1806
P1	1	DC Power Connector, Jack, 2.5 A, 0.65 mm, Surface Mount	DCJ065-05-A-K1-A	GLOBAL CONNECTOR TECHNOLOGY DCJ065-05-A-K1-A	
U1	1	LM1117T-ADJ/NOPB	LM1117T-ADJ/NOPB	TEXAS INSTRUMENTS LM1117T-ADJ/NOPB	TO-220
U2	1	IC REG LDO ADJ 0.2A 10MSOP	LT3042EMSE#PBF	Linear Technology LT3042EMSE#PBF	MSOP-10

Not mounted components

R1	1	± 1% Thick Film 0.200W Resistor	18k	GENERIC R0603_18K_1%_0.200W_200PPM	0603
R2 R3	2	± 1% Thick Film 0.200W Resistor	13k	GENERIC R0603_13K_1%_0.200W_200PPM	0603