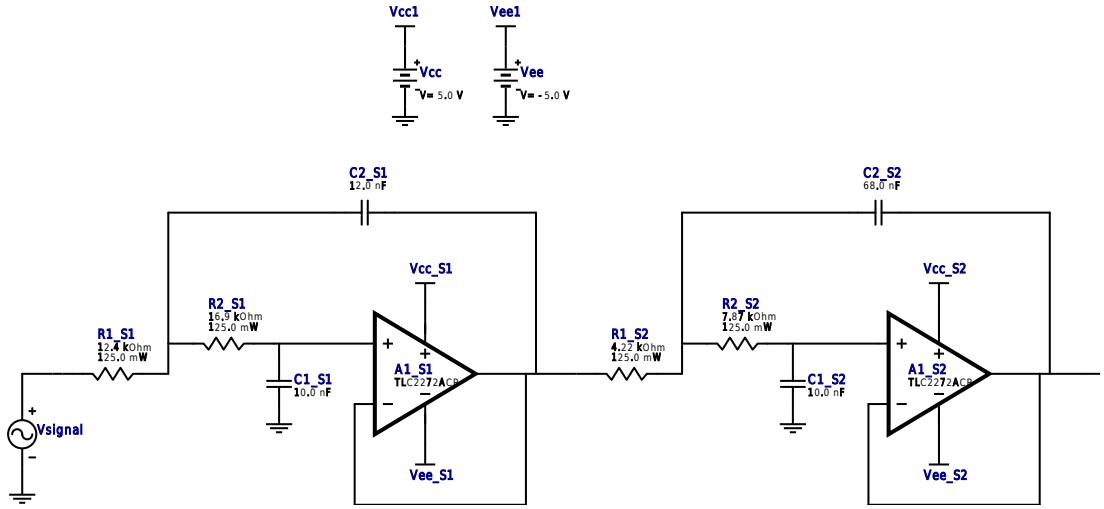
WEBENCH® Design Report

Type : Lowpass
Response : Butterworth
Order : 4
Stage Qty : 2

Device = TLC2272ACP
Created = 3/30/15 12:05:08 PM
BOM Cost = $NaN
Footprint = NaN
BOM Count = NaN

Design : 3541888/5 TLC2272ACP
Lowpass, Sallen Key, Butterworth



Electrical BOM

#	Name	Manufacturer	Part Number	Properties	Qty	Price	Footprint
1.	A1_S1	Texas Instruments	TLC2272ACP	GbwTyp=2.18 MHz VccMin=4.4 V VccMax=16.0 V	1	$0.70	DIP 0 mm²
2.	A1_S2	Texas Instruments	TLC2272ACP	GbwTyp=2.18 MHz VccMin=4.4 V VccMax=16.0 V	1	$0.70	DIP 0 mm²
3.	C1_S1	AVX	06033A102JAT2A Series=C0G	Cap=10.0 nF VDC=25.0 V Tolerance=5.0 %	1	$0.03	0603 5 mm²
4.	C1_S2	AVX	06033A102JAT2A Series=C0G	Cap=10.0 nF VDC=25.0 V Tolerance=5.0 %	1	$0.03	0603 5 mm²
5.	C2_S1	Kemet	C0603C123J3GACTU Series=C0G	Cap=12.0 nF VDC=25.0 V Tolerance=5.0 %	1	$0.08	0603 5 mm²
6.	C2_S2	AVX	12063A682JAT2A Series=C0G	Cap=68.0 nF VDC=25.0 V Tolerance=5.0 %	1	$0.14	1206 11 mm²
7.	R1_S1	Panasonic	ERJ-6ENF1242V Series=225	Res=12.4 kOhm Power=125.0 mW Tolerance=1.0%	1	$0.01	0805 7 mm²
8.	R1_S2	Panasonic	ERJ-6ENF4221V Series=225	Res=4.22 kOhm Power=125.0 mW Tolerance=1.0%	1	$0.01	0805 7 mm²
9.	R2_S1	Panasonic	ERJ-6ENF1692V Series=225	Res=16.9 kOhm Power=125.0 mW Tolerance=1.0%	1	$0.01	0805 7 mm²