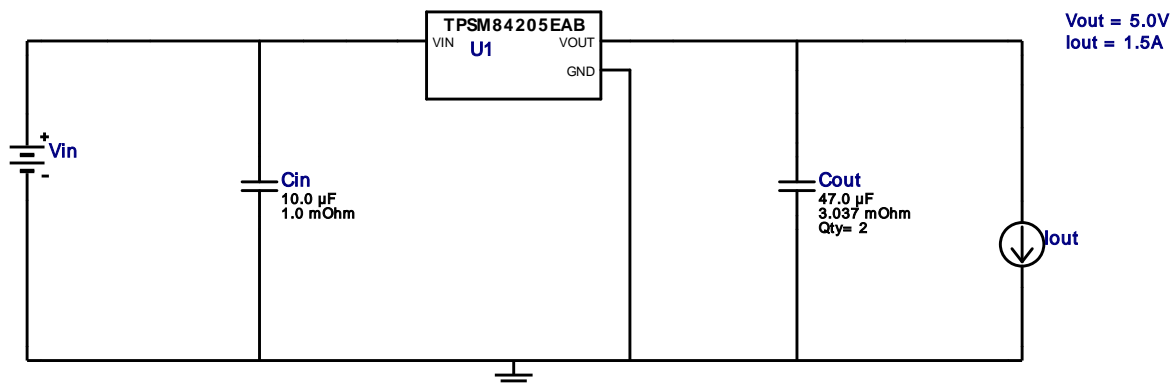




WEBENCH® Design Report

Design : 12 TPSM84205EABT
TPSM84205EABT 8V-10V to 5.00V @ 1.5A



1. The light load efficiency is not modeled for this device.

Electrical BOM

Name	Manufacturer	Part Number	Properties	Qty	Price	Footprint
Cin	MuRata	GRT31CR61H106KE01L Series= X5R	Cap= 10.0 uF ESR= 1.0 mOhm VDC= 50.0 V IRMS= 0.0 A	1	\$0.23	 1206_180 11 mm ²
Cout	MuRata	GRM32ER61C476KE15L Series= X5R	Cap= 47.0 uF ESR= 3.037 mOhm VDC= 16.0 V IRMS= 4.59346 A	2	\$0.38	 1210_280 15 mm ²
U1	Texas Instruments	TPSM84205EABT	Switcher	1	\$3.00	EAB0003A 105 mm ²

