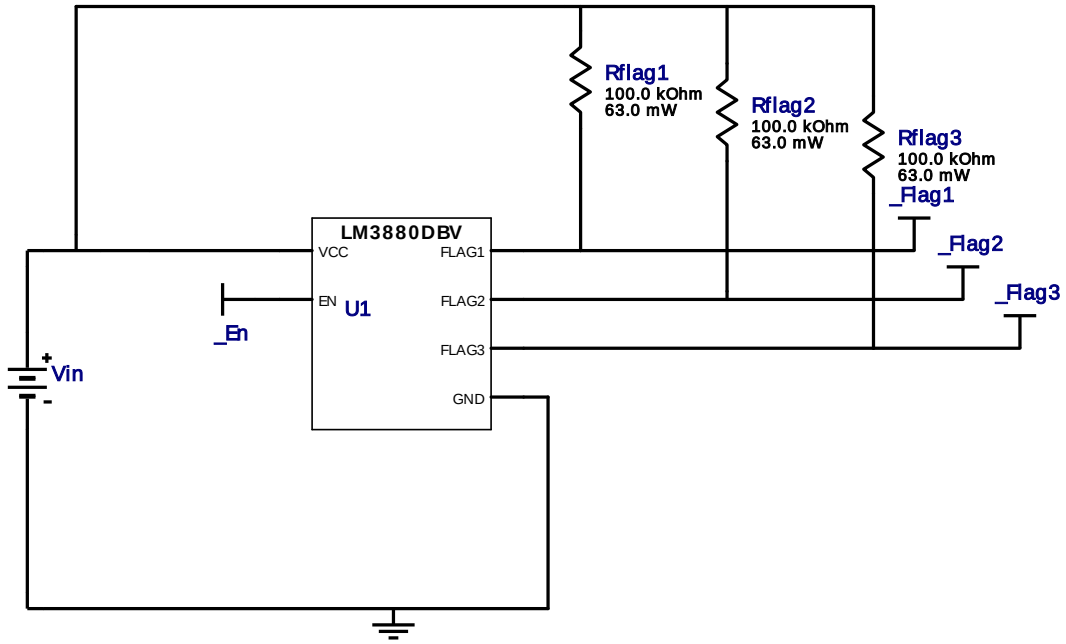
WEBENCH® Design Report

VinMin = 14.0V
VinMax = 22.0V
Vout = 3.3V
Iout = 2.0A

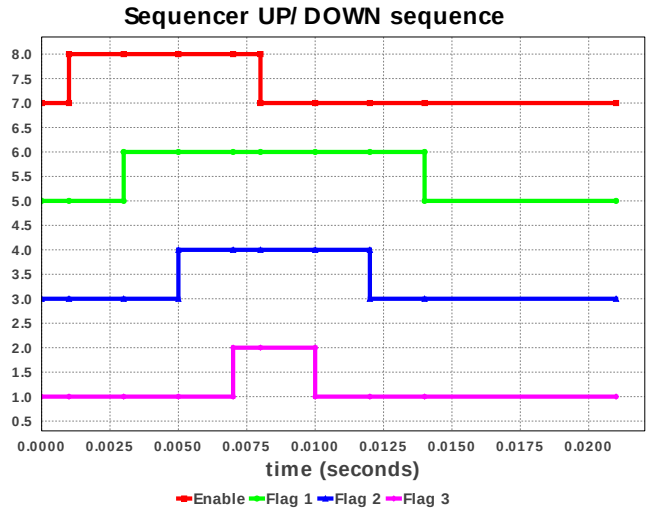
Device = LM3880MF-1AE/NOPB
Topology = SEQUENCER
Created = 9/22/16 8:06:39 PM
BOM Cost = $0.48
BOM Count = 4
Total Pd = 0.0W

Design : 4800879/3 LM3880MF-1AE/NOPB
Design 3 - LM3880MF-1AE/NOPB



Electrical BOM

#	Name	Manufacturer	Part Number	Properties	Qty	Price	Footprint
1.	Rflag1	Vishay-Dale	CRCW0402100KFKED Series= CRCW..e3	Res= 100.0 kOhm Power= 63.0 mW Tolerance= 1.0%	1	$0.01	0402 3 mm²
2.	Rflag2	Vishay-Dale	CRCW0402100KFKED Series= CRCW..e3	Res= 100.0 kOhm Power= 63.0 mW Tolerance= 1.0%	1	$0.01	0402 3 mm²
3.	Rflag3	Vishay-Dale	CRCW0402100KFKED Series= CRCW..e3	Res= 100.0 kOhm Power= 63.0 mW Tolerance= 1.0%	1	$0.01	0402 3 mm²
4.	U1	Texas Instruments	LM3880MF-1AE/NOPB	Switcher	1	$0.45	R-PDSO-G6 10 mm²



Operating Values

#	Name	Value	Category	Description
1.	BOM Count	4	General	Total Design BOM count
2.	FootPrint	19.0 mm^2	General	Total Foot Print Area of BOM components
3.	Total BOM	$0.48	General	Total BOM Cost
4.	Total Pd	75.0 µW	Power	Total Power Dissipation
5.	Flag Voltage	3.0 V		Flag Voltage
6.	Flag1 Down delay (From EN high to low)	6.0 ms		Flag Delay
7.	Flag1 Up delay (From EN low to high)	2.0 ms		Flag Delay
8.	Flag2 Down delay (From EN high to low)	4.0 ms		Flag Delay
9.	Flag2 Up delay (From EN low to high)	4.0 ms		Flag Delay
10.	Flag3 Down delay (From EN high to low)	2.0 ms		Flag Delay
11.	Flag3 Up delay (From EN low to high)	6.0 ms		Flag Delay
12.	Flags Used	2.0		Flags Used
13.	Total Flags	3.0		Total Flags
14.	Vcc	3.0 V		Vcc

Design Inputs

#	Name	Value	Description
5.	base_pn	LM3880	Base Product Number

Design Assistance

1. **LM3880** Product Folder : http://www.ti.com/product/LM3880 : contains the data sheet and other resources.