TEXAS INSTRUMENTS

WEBENCH ® Electrical Simulation Report

Electrical BOM

#	Name	Manufacturer	Part Number	Properties	Qty	Price	Footprint
1.	Rs	CUSTOM	CUSTOM_RESISTOR_MD Series= CUSTOM	Res= 10.0 kOhm Power= 63.0 mW Tolerance= 1.0%	1	$0.10	0805 1 mm^2
2.	U1	Texas Instruments	LM4041CEM3X-ADJ/NOPB	Switcher	1	$0.37	DBZ0003A 14 mm^2

Simulation Parameters

#	Name	Parameter Name	Description	Values
1.	Rsource	R	Source Resistance	10m Ohm
2.	Vin1	signal_type	Signal Type	PULSE
		V1	Initial Voltage	0 V
		V2	Peak Voltage	7.5 V
		Td	Initial Delay Time	500u sec
		Tr	Rise Time	50u sec
3.	Rload	R	Load Resistance	100000 Ohm

VV2

VV1
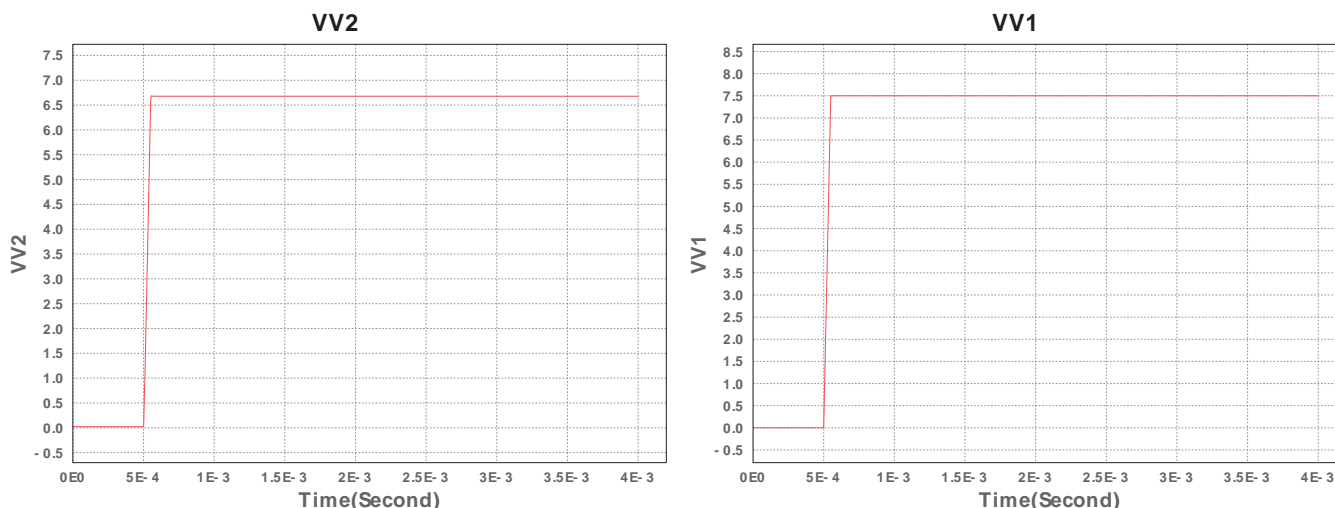
Design Inputs

#	Name	Value	Description
1.	Iout	1.0 mA	Maximum Output Current
2.	VinMax	10.0 V	Maximum input voltage
3.	VinMin	5.0 V	Minimum input voltage
4.	Vout	1.25 V	Output Voltage
5.	base_pn	LM4041-N	Base Product Number
6.	source	DC	Input Source Type
7.	Ta	30.0 degC	Ambient temperature

Operating Values

#	Name	Value	Category	Description
1.	BOM Count	2	General	Total Design BOM count
2.	FootPrint	15.0 mm^2	General	Total Foot Print Area of BOM components
3.	Total BOM	$0.47	General	Total BOM Cost

Design Assistance

1.

2. Modified : Mon Jun 12 08:00:35 GMT+0900 2017

3. Modified : Mon Jun 12 08:04:06 GMT+0900 2017

4. Modified : Mon Jun 12 08:04:43 GMT+0900 2017

5. **LM4041-N** Product Folder : http://www.ti.com/product/LM4041-N : contains the data sheet and other resources.