

Get a customized TINA-TI Application Schematic (with Transient Simulation capability) in less than 2 minutes!

Step 1: Enter voltage and current into the WEBENCH panel in the product folder and click “Open Design”.

TI Home > Semiconductors > Power Management > DC/DC Switching Regulator > Converter (Integrated Switch) > Step-Down (Buck) Converter > LM43601 (ACTIVE)

LM43601 SIMPLE SWITCHER® 3.5V to 36V, 1A Synchronous Step-Down Voltage Converter

LM43601 SIMPLE SWITCHER 3.5 V to 36 V 1 A Synchronous Step-Down Voltage Converter (Rev. A)

Description & parameters | Online datasheet | Technical documents | **Tools & software** | Sample & buy | Compare | Quality & packaging | Support & community

Models | Design kits & evaluation modules | TI designs & reference designs | Software | Development tools | TI design network

Models (5)

Title	Category	Type	Size (KB)	Date	Views
LM43601 PSpice Average Model	PSpice Model	ZIP	89 KB	07 Aug 2014	12 views
LM43601 PSpice Transient Model	PSpice Model	ZIP	103 KB	07 Aug 2014	14 views
LM43601 Unencrypted PSpice Average Model	PSpice Model	ZIP	1 KB	05 Mar 2015	12 views
LM43601 Unencrypted PSpice Transient Model	PSpice Model	ZIP	6 KB	05 Mar 2015	11 views
TINA-TI Transient Spice Model (Export from WEBENCH)	TINA-TI Spice Model	PDF	1911 KB	08 Jun 2015	2,417 views

This Document

Design kits & evaluation modules (1)

Name	Part#	Type
LM43601PWP Synchronous Step-Down Converter Evaluation Module	LM43601PWPEVM	Evaluation Modules & Boards

New! Interactive Design
Click to instantly view a schematic, charts, Bill of Materials, and Operating Values.

WEBENCH® LM43601

Min Max Range
Vin 11.00 24.00 V 3.5 to 36.0V
Vout 3.30 3.30 V 1.02 to 28.0V
Iout 1 1 A \leq 1A
Ambient Temp 30 $^{\circ}$ C -40 to 125 $^{\circ}$ C

Lowest BOM Cost
Smallest Footprint
Highest Efficiency

Footprint BOM Cost Efficiency
179 \$2.58 77%

Open Design **Simulate Now**

WEBENCH® INTERACTIVE DESIGN
Explore Now

What are WEBENCH® tools?

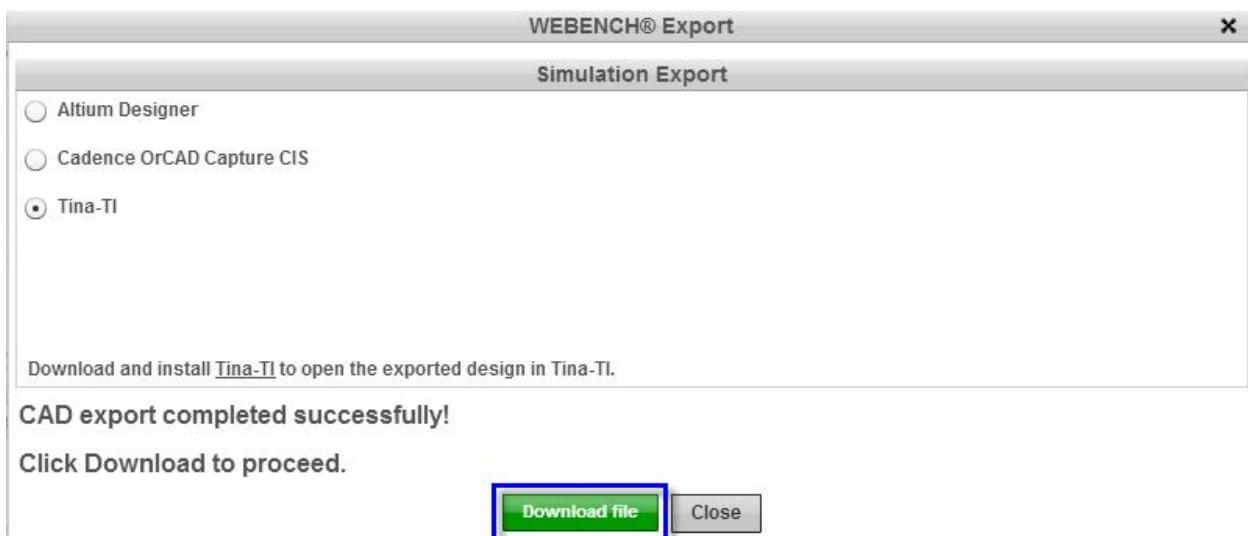
Step 2: Click the “Sim Export” button from the navigation panel on top.



Step 3: Select TINA-TI and click “Export”.



Step 4: Click “Download file” to download the .TSC (TINA-TI Application Schematic with Spice model) file to your desktop. This is the customized application for your specific needs (not just a sample reference design).



For more details on WEBENCH to TINA-TI Simulation Export, please [click here](#).

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