

Master Blaster AMD SVI3.0 GPU

- Digital Power Management Bus Blaster
- SVI3/ SVID/ AVS/ PMBus Compliant (requires specific plugin)
- FW upgradable through remote server
- Works with ProGrAnalog LoadSlammer standalone GUI
- Works with ProGrAnalog Adj GUI
- Full read/ write register support.
- Supports Telemetry
- API Support

Kit Contents:



Part Number	Part Description	Quantity
MB-0001	Master Blaster AMD SVI3.0 GPU - Device Only	Qty 1
USB-C Cable 2m	USB 2.0 Type A to USB-C Cable, 2m	Qty 1
540-00012	SVI3 Rectangular Cable Assemblies 0.80 mm Double Row Tiger Eye Discrete Wire Teflon Cable Assembly, Socket	Qty 1

Mechanical Specifications:



(Dimensions: 90 x 45 x 12 mm)



Electrical Specifications:

- USB 3.0 and USB C compliant
- Voltage: 5V
- Current: 1A
- No external power supply required.

Additional:

Weight	28g
ROHS Compliant	Yes
Shipping Info	HTS-9030.20.1000
Shipping Info	ECCN-3B992
Country of Origin	United States

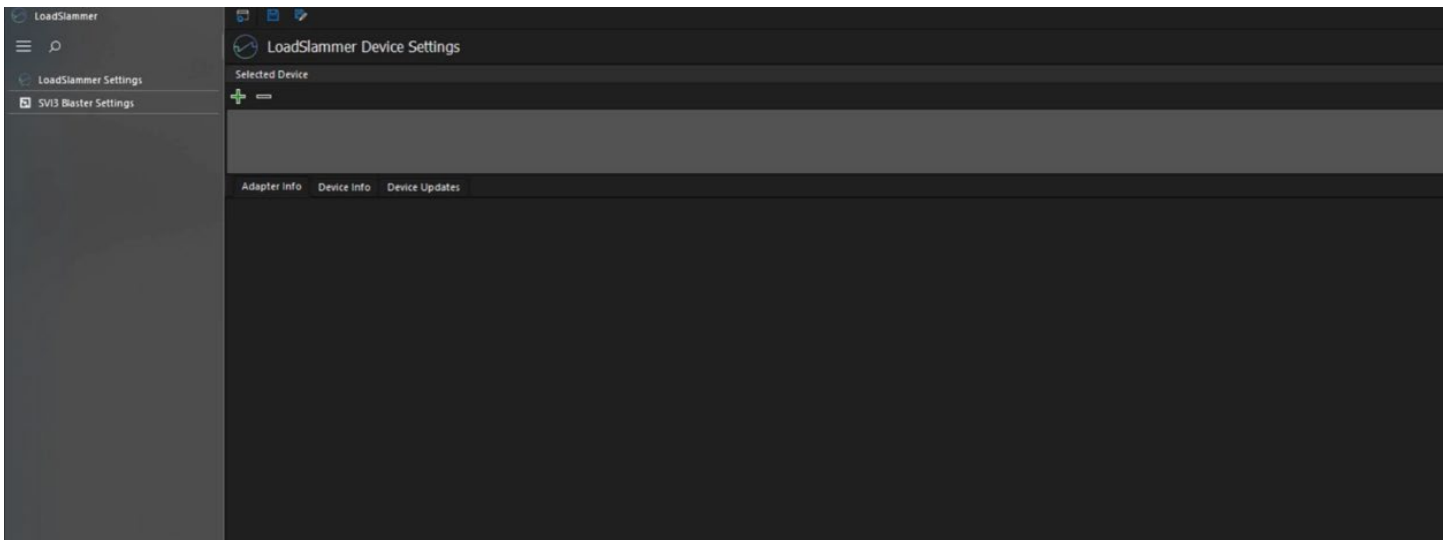


Power-On Current for Zynq-7000 Devices

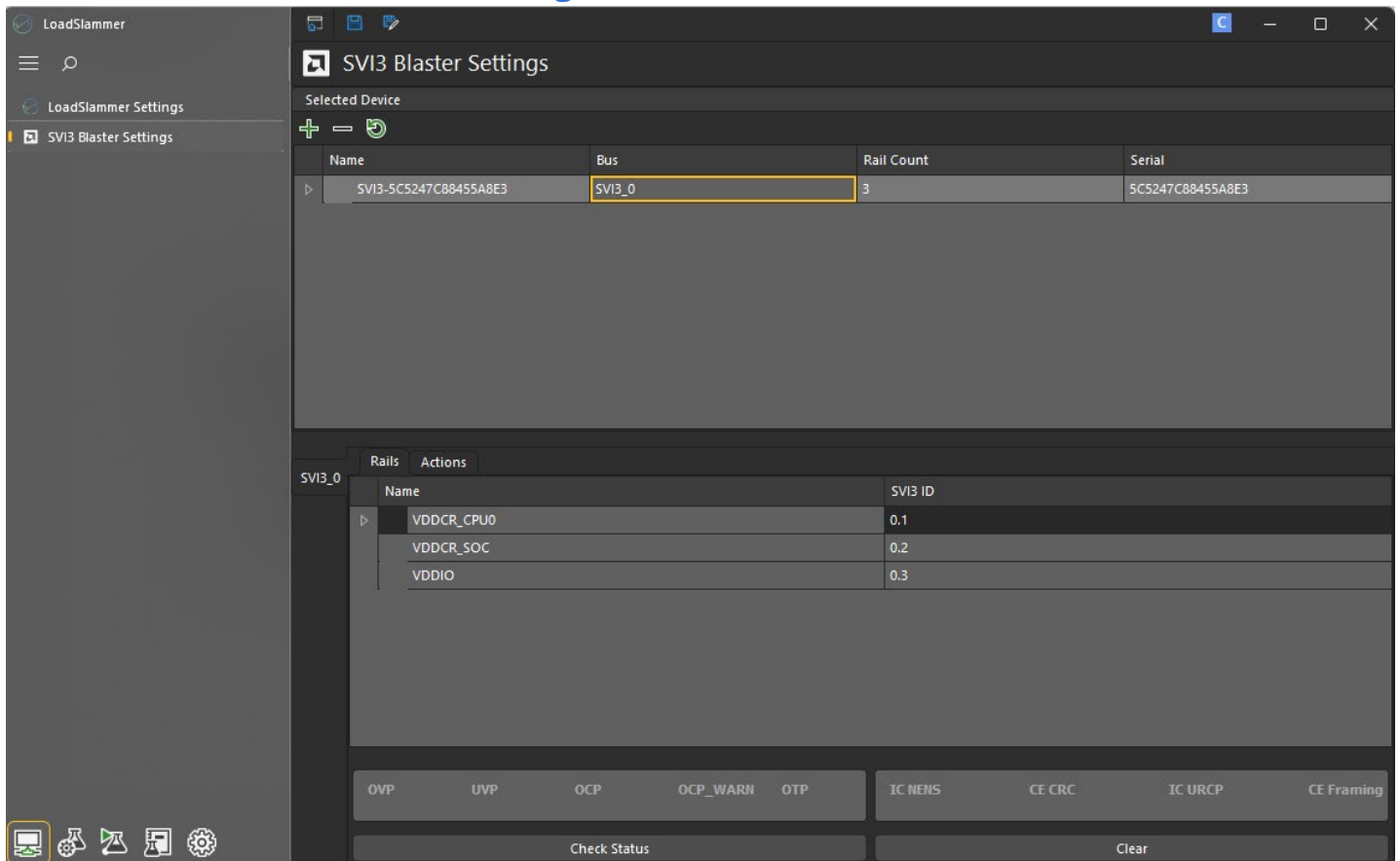
Device	I _{CCPINTQ} +	I _{CCPAUXQ} +	I _{CCDDRQ} +	I _{CCINTQ} +	I _{CCAUXQ} +	I _{CCOMIN}	I _{CCAUX_IOMIN}	I _{CCBRAMQ} +	Units
XC7Z030	70 mA	40 mA	130 mA per bank	900 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA
XC7Z035	70 mA	40 mA	130 mA per bank	1400 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA
XC7Z045	70 mA	40 mA	130 mA per bank	1400 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA
XC7Z100	70 mA	40 mA	130 mA per bank	2200 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA
XA7Z030	70 mA	40 mA	130 mA per bank	900 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA
XQ7Z030	70 mA	40 mA	130 mA per bank	900 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA
XQ7Z045	70 mA	40 mA	130 mA per bank	1400 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA
XQ7Z100	70 mA	40 mA	130 mA per bank	2200 mA	60 mA	90 mA per bank	40 mA per bank	90 mA	mA



Opening GUI



GUI with SVI3 Blaster settings



GUI with telemetry settings

The screenshot shows the LoadSlammer application interface. On the left is a sidebar menu with options: Platform Overview, Pass/Fail Settings, Telemetry (highlighted), Static Load, and Dynamic Load. The main window is titled 'Telemetry Configuration' and contains a table with the following data:

Rail	Clock Speed	Poll Rate	Telemetry
<input checked="" type="checkbox"/> VDDCR_CPU0	20 MHz	10 kHz	OutputCurrent, OutputVoltage, Temp1
<input type="checkbox"/> VDDCR_CPU1	20 MHz	10 kHz	OutputCurrent, OutputVoltage, Temp1
<input type="checkbox"/> VDDCR_SOC	20 MHz	10 kHz	OutputCurrent, OutputVoltage, Temp1
<input type="checkbox"/> VDDIO	20 MHz	10 kHz	OutputCurrent, OutputVoltage, Temp1
<input type="checkbox"/> VDD_11_S3	20 MHz	10 kHz	OutputCurrent, OutputVoltage, Temp1

At the bottom left of the application window, there is a row of five icons: a monitor, a gear (highlighted with a yellow box), a flask, a document, and a gear.



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