MB-00001 Datasheet
ECCN-3B992
HTS-9030.20.1000

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.

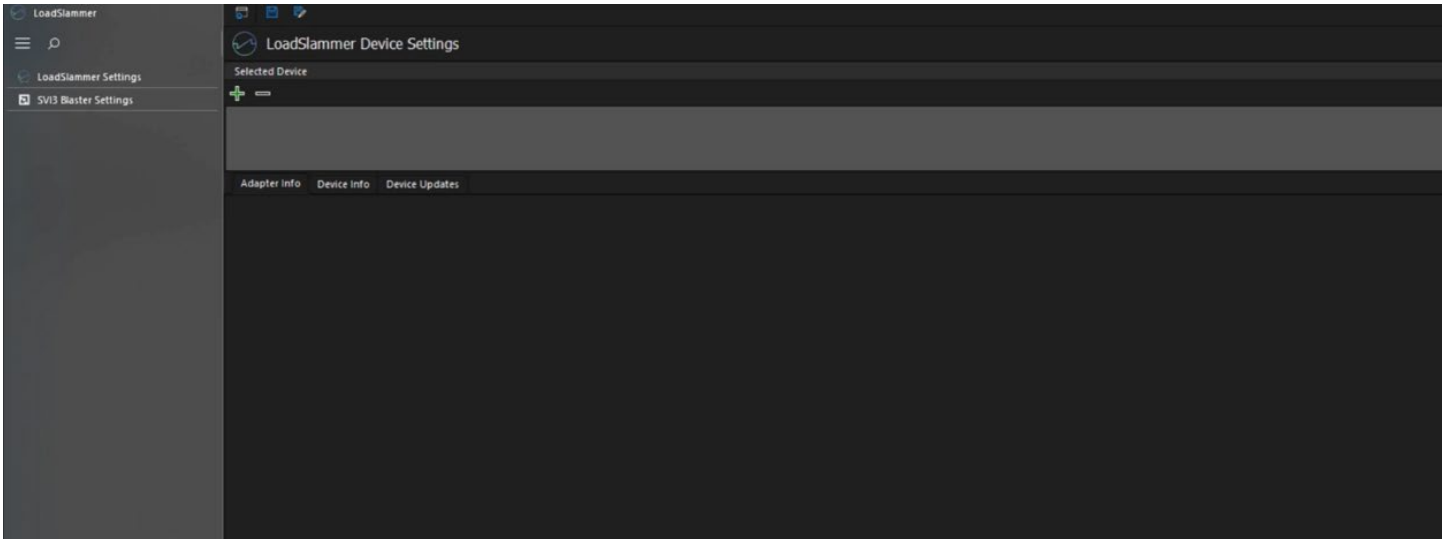
Additional:

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

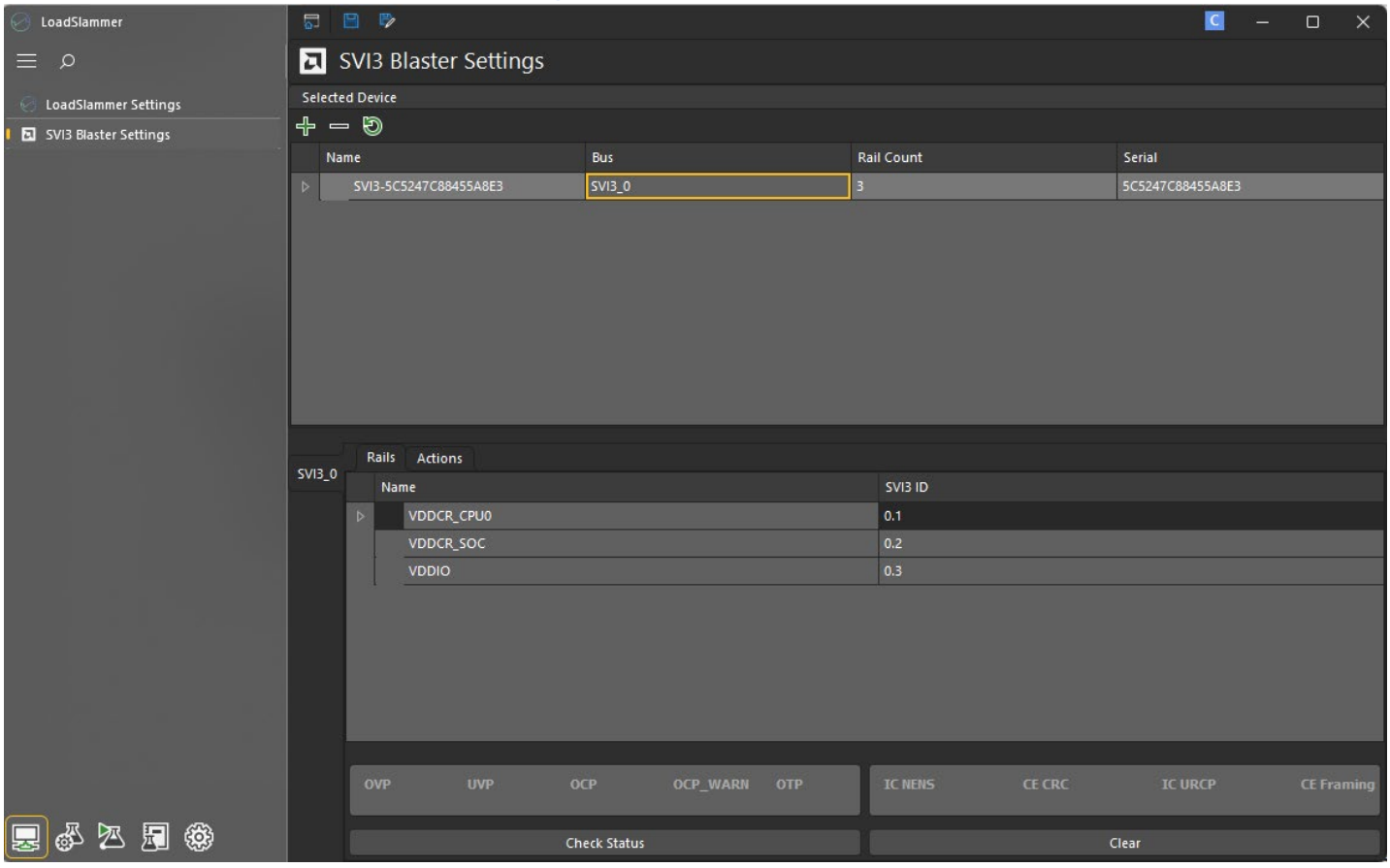
Power-On Current for Zynq-7000 Devices

Device	$I_{CCPINTMIN}$	$I_{CCPAUXMIN}$	$I_{CCDDRMIN}$	$I_{CCINTMIN}$	$I_{CCAUXMIN}$	I_{CCOMIN}	I_{CCAUX_IOMIN}	$I_{CCBRAMMIN}$	Units
XC7Z030	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 900 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA
XC7Z035	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 1400 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA
XC7Z045	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 1400 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA
XC7Z100	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 2200 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA
XA7Z030	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 900 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA
XQ7Z030	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 900 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA
XQ7Z045	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 1400 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA
XQ7Z100	$I_{CCPINTQ}$ + 70 mA	$I_{CCPAUXQ}$ + 40 mA	I_{CCDDRQ} + 130 mA per bank	I_{CCINTQ} + 2200 mA	I_{CCAUXQ} + 60 mA	I_{CCOQ} + 90 mA per bank	$I_{CCOAUXIOQ}$ + 40 mA per bank	$I_{CCBRAMQ}$ + 90 mA	mA

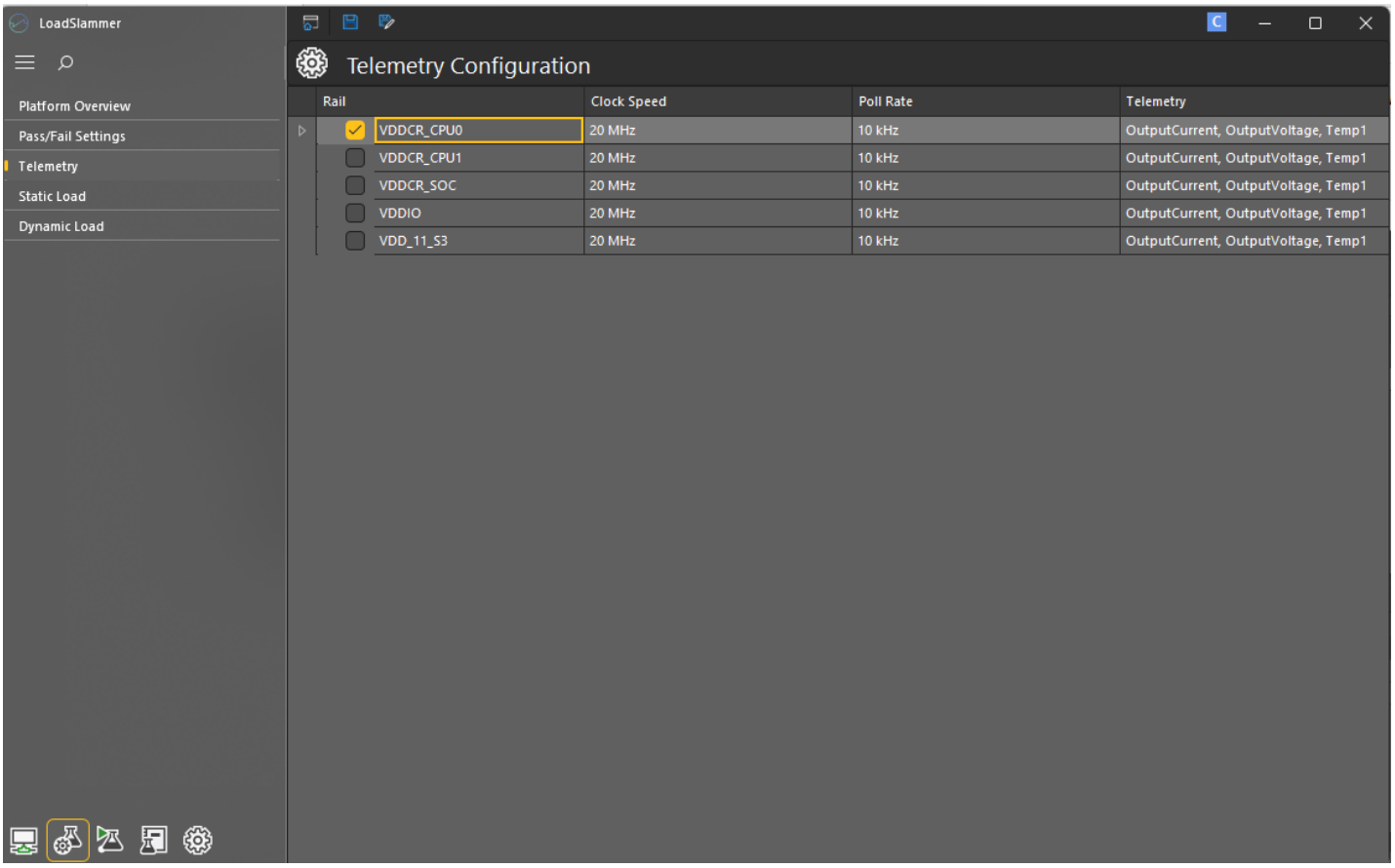
Opening GUI



GUI with SVI3 Blaster settings



GUI with telemetry settings



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ProGrAnalog Corp:
LSP-Kit-MB-SVI3.0-GPU