Block Diagram

Ultrasound Front End Low Voltage Power Supply

Project Title: Designed for:

Public Release

Assembly Variant: 001

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Not in version control

SVN Rev: TIDA-01466

Number: Rev: E1

TID #: TIDA-01466

Orderable: N/A

Revision History

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<th>Rev</th>
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12V Bus

3.55A

1.96A

DC/DC
TPS54824

5.3V, 4.2A

1.2V_DVDD, 2A

1.8V_DVDD, 2A

1.8V_AVDD, 2A

2

DG/DC + LDO TPS54122

DG/DC + LDO TPS54122

DG/DC + LDO TPS54122

DG/DC TPS54824

3.6V, 5A

2

LDO TPS7A83

LDO TPS7A84

LDO TPS7A84

LDO TLV74053

3.3V

3.3V_AVDD, 2.5A

3.3V_AVDD, 2.5A

LDO TLV74053

CLOCK BUFFER CDCLVC1100

2

Power on Sequence

Sync for Power Supply
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