



SLA-2000-HDSI Hardware Reference Manual

February 5, 2013

PRELIMINARY

ITAR

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Overview

Document describes the SLA-2000-OEM hardware and accessories.

SLA-2000-HDSOI

Board Summary

Dimensions	3.375" x 2.875" x 0.55"
Weight	38g (1.3oz)
Voltage	8 – 15 VDC

Table 1: SLA-2000-HDSOI Physical Characteristics

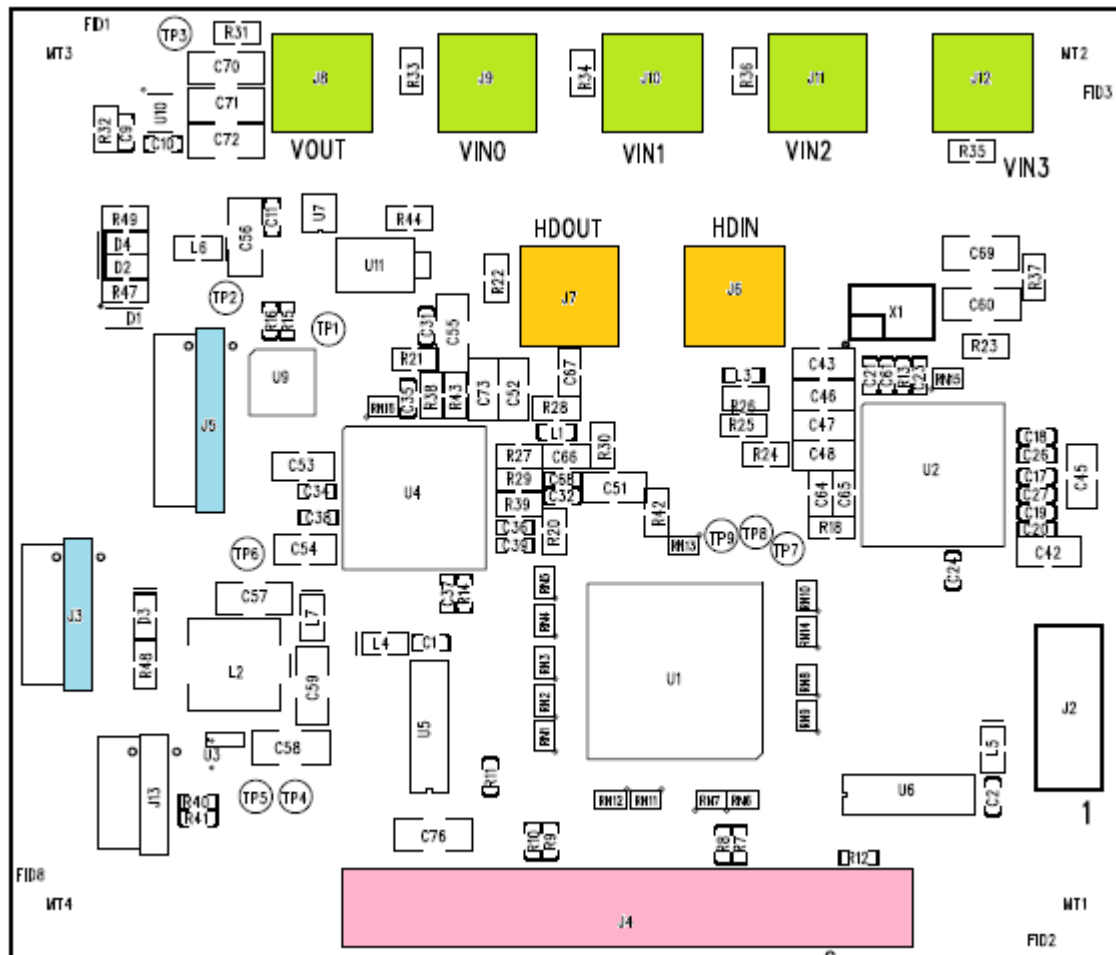
Analog Video Connector (J2)

Features:

- Analog Video Inputs (x4)
- Analog Video Output (x1)
- HD-SDI Input (x1)
- HD-SDI Output (x1)
- RS-232 (x2)
- Ethernet (10/100Base-T)
- Input Power & Ground

Connections

TOP



J3	Molex	Power, Serial
J4	Samtec	Digital Video Connect to SLA-2000-OEM
J5	Molex	Ethernet
J8 (VOUT)	SMA	Analog Video Output
J9 – J12 (VIN0 – VIN3)	SMA	Analog Video In
J7 (HDOOUT)	SMA	HD-SDI Video Ouputut
J8 (HDIN)	SMA	HD-SDI Video Input

Connector J3

Connector	Molex 533981071
Mates with	Molex

Pin Out

1	Power
2	Power
3	Ground
4	Ground
5	TX 1
6	RX 1
7	Ground
8	TX 2
9	RX 1
10	Ground

Connector J4

Connector	Samtec ERM8-040-5P0-5-DV-L-TR
Mates with	Samtec

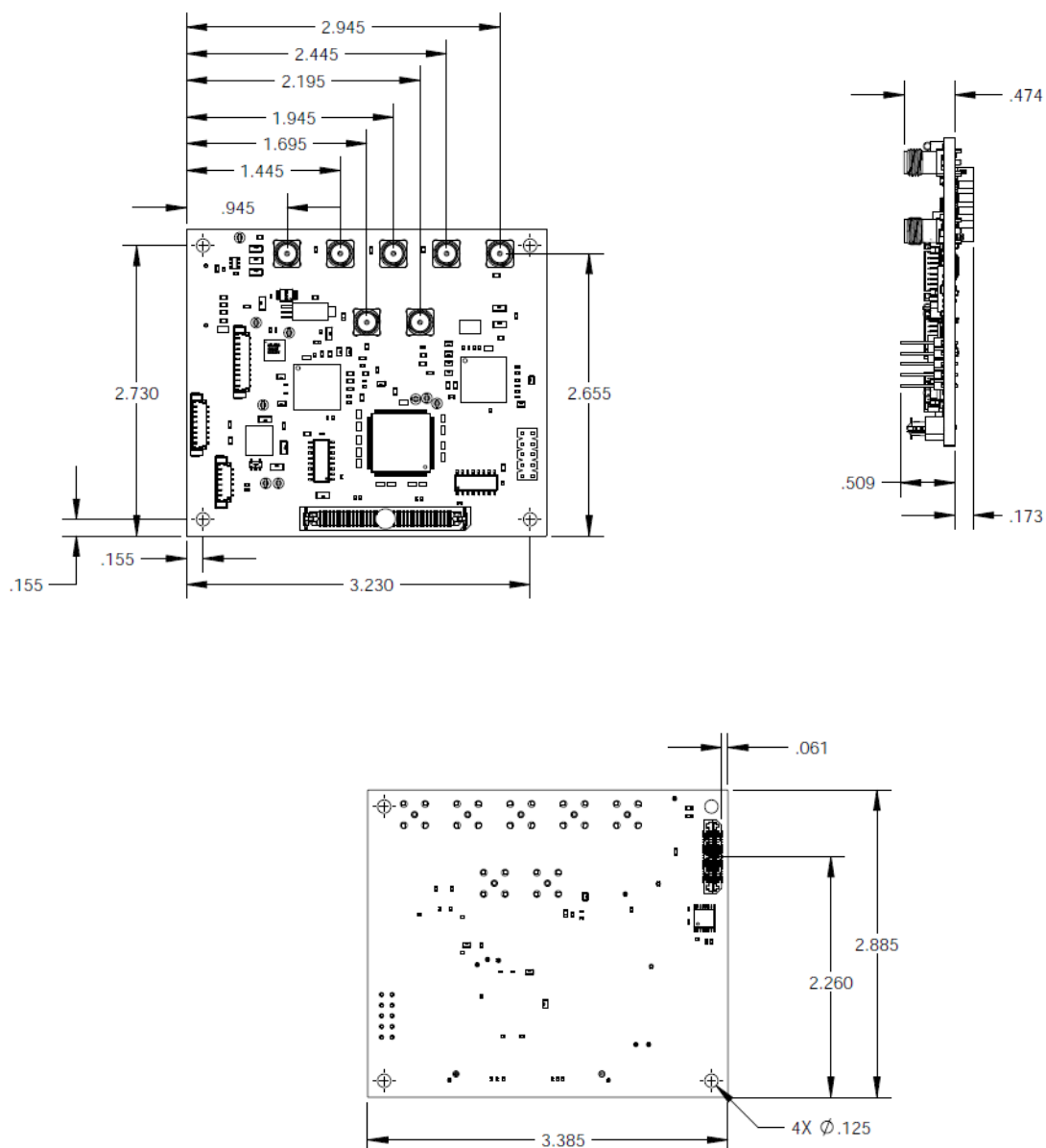
Connector J5

Connector	Molex 533980871
Mates with	Molex

Pin Out

1	TX +
2	TX -
3	RX +
4	NC
5	NC
6	RX -
7	NC
8	NC

Drawings



Additional Files

3D Models are available upon request.

History

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