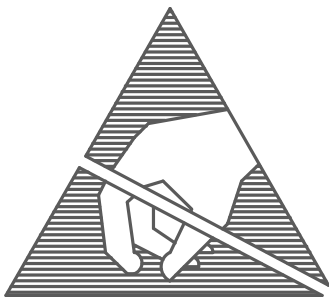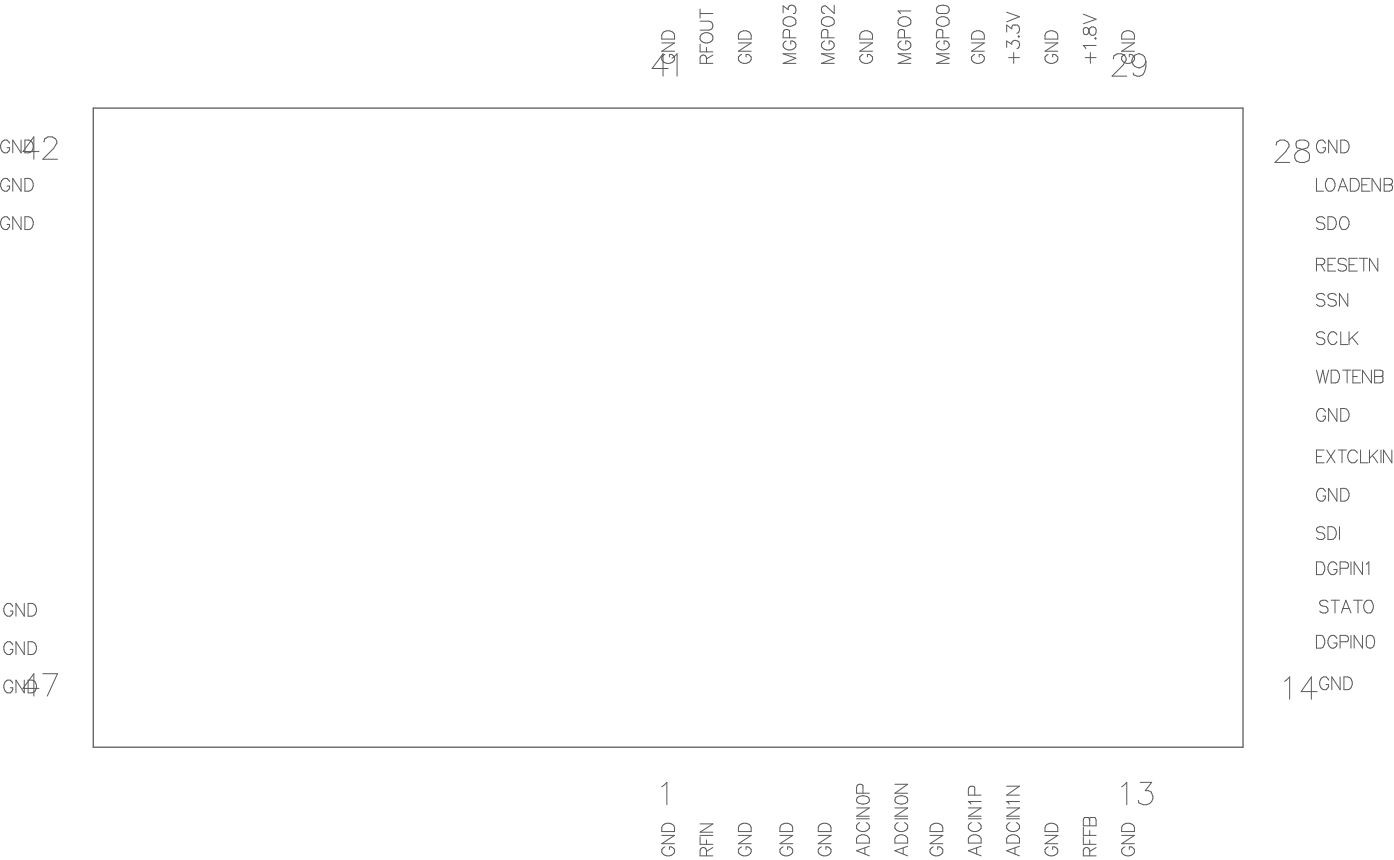# ALL PROCESSES MUST BE ROHS COMPLIANT.

CAUTION

THIS ASSEMBLY INCORPORATES
STATIC SENSITIVE DEVICES
ASSEMBLY AND HANDLING MUST BE DONE AT AN
APPROVED STATIC FREE STATION

CAUTION

SC1905-DB1900

REVA

U2

Delay Line

maxim integrated™

Top edge pins (left to right): GND RFOUT GND MGPO3 MGPO2 GND MGPO1 MGPO0 GND +3.3V GND +1.8V GND

41 P41 P40 P39 P38 P37 P36 P35 P34 P33 P32 P31 P30 P29 29

DC3

Left edge:
- 42 GND P42
- GND P42
- GND P42
- GND P43
- GND P43
- 47 GND P43

Right edge:
- 28 GND P28
- P27 LOADENB
- P26 SDO
- P25 RESETN
- P24 SSN
- P23 SCLK
- P22 WDTENB
- P21 GND
- P20 EXTCLKIN
- P19 GND
- P18 SDI
- P17 DGPIN1
- P16 STATO
- P15 DGPIN0
- P14 GND 14

Y1

R32

Bottom edge pins: P2 P3 P4 P5 P6 P7 P8 P9 P10 P11 P12 P13

1   13

Bottom labels (left to right): GND RFIN GND GND GND ADCIN0P ADCIN0N GND ADCIN1P ADCIN1N GND RFFB GND

R22
R2

DC1

Maxim Integrated

SC1905-DB1900 ASSEMBLY DRAWING

(REVA)

SILK TOP   ASSY TOP

ALL PROCESSES MUST BE ROHS COMPLIANT.

CAUTION

THIS ASSEMBLY INCORPORATES
STATIC SENSITIVE DEVICES
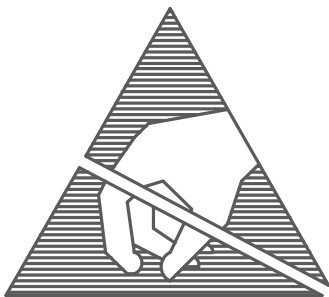ASSEMBLY AND HANDLING MUST BE DONE AT AN
APPROVED STATIC FREE STATION

CAUTION

Top pins (left to right): GND, RFOUT, GND, MGPO3, MGPO2, GND, MGPO1, MGPO0, GND, +3.3V, GND, +1.8V, GND

41

42 GND
GND
GND

GND
GND
GND

47

28 GND
LOADENB
SDO
RESETN
SSN
SCLK
WDTENB
GND
EXTCLKIN
GND
SDI
DGPIN1
STATO
DGPIN0

14 GND

29

Bottom pins (left to right): GND, RFIN, GND, GND, GND, ADCIN0P, ADCIN0N, GND, ADCIN1P, ADCIN1N, GND, RFFB, GND
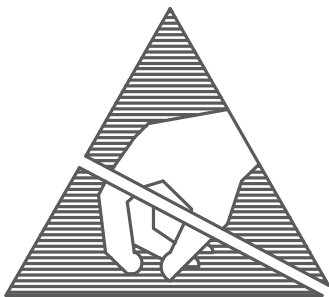
1

13

Maxim Integrated

SC1905-DB1900 ASSEMBLY DRAWING

(REVA)

ASSY TOP

ALL PROCESSES MUST BE ROHS COMPLIANT.

CAUTION

THIS ASSEMBLY INCORPORATES
STATIC SENSITIVE DEVICES
ASSEMBLY AND HANDLING MUST BE DONE AT AN
APPROVED STATIC FREE STATION

CAUTION

Pin labels (top, left to right): GND, RFOUT, GND, MGPO3, MGPO2, GND, MGPO1, MGPO0, GND, +3.3V, GND, +1.8V, GND

Pin 41 ... 29

Left side (top to bottom): GND, GND, GND ... GND, GND, GND

Pin 42 ... 47

Right side (28 to 14): GND, LOADENB, SDO, RESETN, SSN, SCLK, WDTENB, GND, EXTCLKIN, GND, SDI, DGPIN1, STATO, DGPIN0, GND

Pin 28 ... 14

Bottom (1 to 13): GND, RFIN, GND, GND, GND, ADCIN0P, ADCIN0N, GND, ADCIN1P, ADCIN1N, GND, RFFB, GND

Maxim Integrated

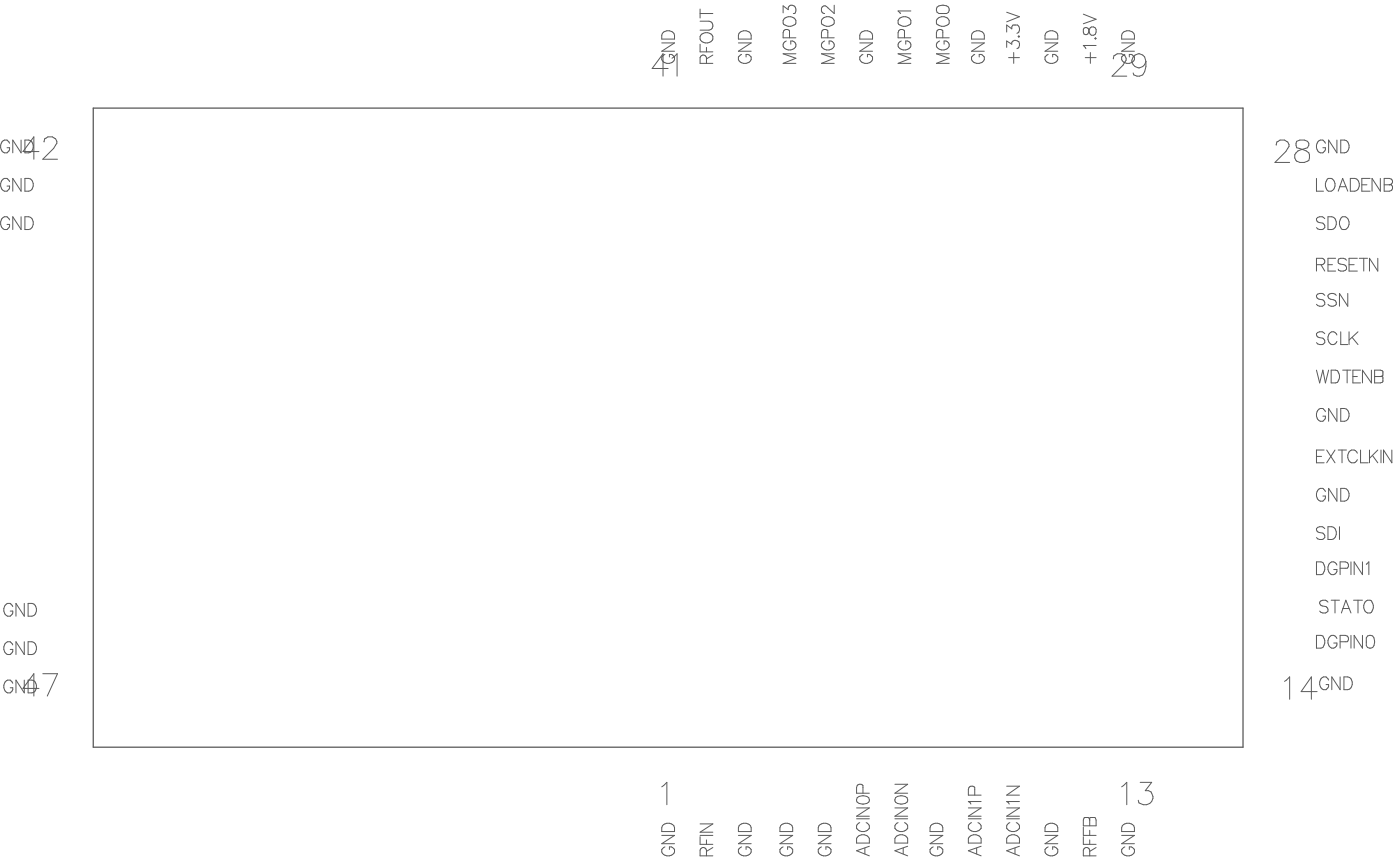SC1905-DB1900 ASSEMBLY DRAWING

(REVA)

ASSY TOP

ALL PROCESSES MUST BE ROHS COMPLIANT.

CAUTION

THIS ASSEMBLY INCORPORATES

STATIC SENSITIVE DEVICES

ASSEMBLY AND HANDLING MUST BE DONE AT AN

APPROVED STATIC FREE STATION

CAUTION

Top pins (left to right): GND, RFOUT, GND, MGPO3, MGPO2, GND, MGPO1, MGPO0, GND, +3.3V, GND, +1.8V, GND

41 ... 29

Left side (top): GND (42), GND, GND

Left side (bottom): GND, GND, GND (47)

Right side (top to bottom): GND (28), LOADENB, SDO, RESETN, SSN, SCLK, WDTENB, GND, EXTCLKIN, GND, SDI, DGPIN1, STAT0, DGPIN0, GND (14)

Bottom pins (1 ... 13): GND, RFIN, GND, GND, GND, ADCIN0P, ADCIN0N, GND, ADCIN1P, ADCIN1N, GND, RFFB, GND

Maxim Integrated

SC1905-DB1900 ASSEMBLY DRAWING

(REVA)

ASSY TOP