



AS7341

a002_CSS AquaSense

a002ga_CSS AquaSense ONYX AS7341.PcbDoc

Variant standard

A

B

C

D

A

B

C

D

AS7341 a002_CSS AquaSense a002ga_CSS AquaSense ONYX AS7341.PcbDoc



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Sheet 2: a002ga0_CSS AquaSense ONYX AS7341_Project Page (This page)

Sheet 3: a002ga0_CSS AquaSense ONYX AS7341_scm_01

Sheet 4:

Sheet 5:

Sheet 6:

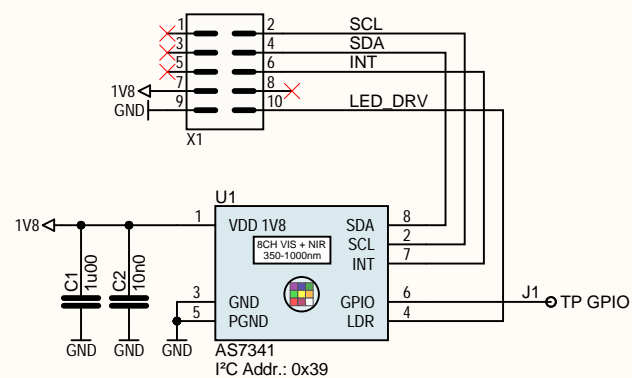
Sheet 7:

Sheet 8:

Revision History

Rev1.0.0: Initial Release

Release Date: 16/07/2020



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| | |
|----------|--------|
| Product: | AS7341 |
|----------|--------|

Variant standard

PCB Name: a002ga_CSS AquaSense ONYX AS7341.PcbDoc

Rev 1.0.0

Application Engineer: FHAE

Release Date: 16/07/2020

Sheet Name: a002ga0_CSS AquaSense ONYX AS7341_scm_01.SchDoc

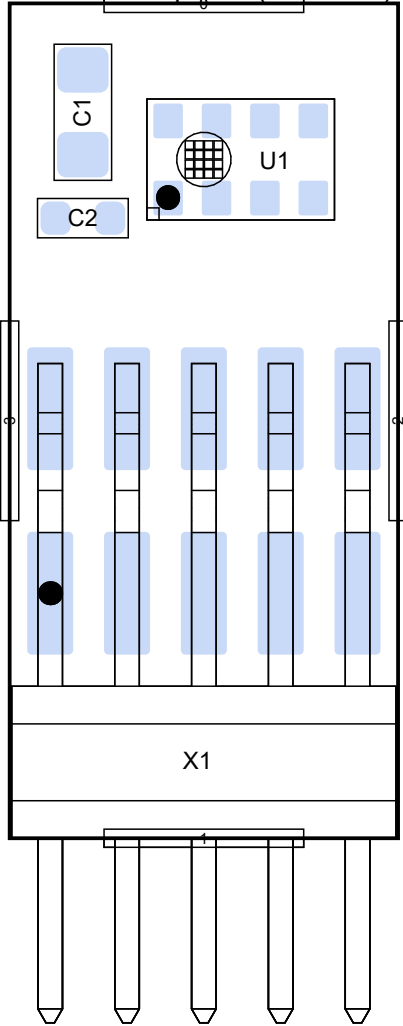
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Last Save Date / Time: 21.07.2020 / 13:40:26

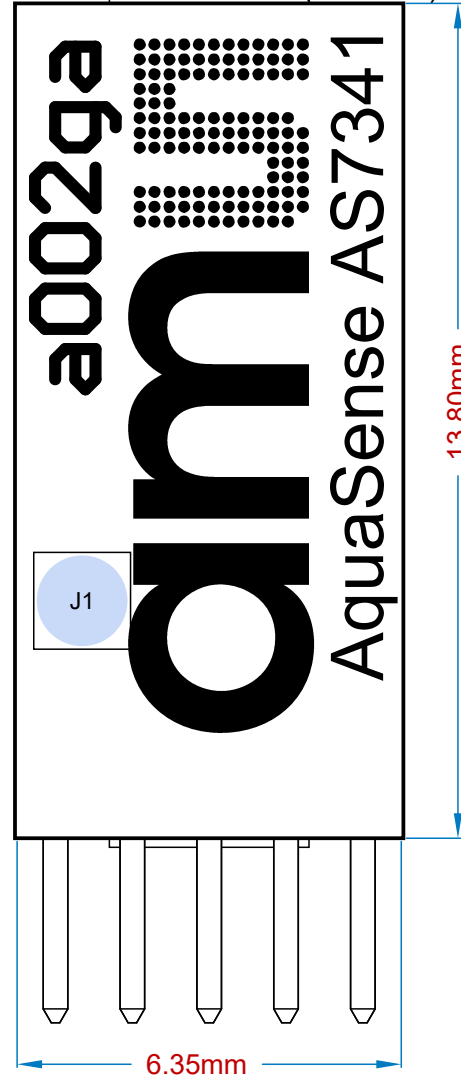
Project: a002_CSS AquaSense

Sheet 3 of 3

View from Top side (Scale 8:1)



View from Bottom side (Scale 8:1)



- 1 1.0mm $\pm 10\%$ 2-Layer FR4 (DKL)
- 2 manufactured with IPC Claas 2
- 3 Technology: 150 μ m TrackWith/
TrackTrack
smallest drill: 150 μ m
- 4 Prepreg and Core Thickness is free
to defined
- 5 outline is milled and v-cutted
- 6 finished surface is ENIG
- 7 Silkscreen color is white and made
in high resoluion (more than 200 μ m)
- 8 Solder Mask color is black
- 9 check Gerber files against the IPC-
D-356A.ipc netlist file
- 10 Questions to:
ams Sensors Germany GmbH
Fernando Hädrich
e-mail:
fernando.haedrich@ams.com
Phone: +49 3641 280935

Drill Table

| Symbol | Count | Hole Size | Plated | Hole Tolerance |
|--------|----------|-----------|------------|----------------|
| ○ | 14 | 0.15mm | Plated | |
| □ | 28 | 0.30mm | Non-Plated | |
| ☆ | 2 | 1.00mm | Non-Plated | |
| | 44 Total | | | |



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PCB Name: a002ga_CSS AquaSense ONYX AS7341.PcbDoc

Rev 1.0.0

Application Engineer: FHAEE

Release Date: 16/07/2020

Sheet Name: a002ga0_CSS AquaSense ONYX AS7341.PCBDwf

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Doc. Scale:

Project: a002_CSS AquaSense

Sheet 1 of 1

1:1
Millimeters

Top Silk

Top Paste



Top Solder



Top Layer



Bottom Layer



Bottom Solder



Bottom Paste

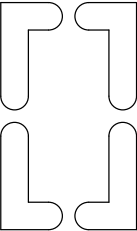
Bottom Silk

EP2005

11mp

143T2A 22n926upA

Board outline



A connector goes over the edge and a minimum space of 3.5mm to the next Board is needed on this side.

