



AS7341

a001_CSS Evalboard Rev 4.1.1

a001ka_CSS Evalboard AS7341 Yuji

Variant Yuji 2x

A

B

C

D

A

B

C

D

AS7341

a001_CSS Evalboard

a001ka_CSS Evalboard AS7341 Yuji



Table of Contents

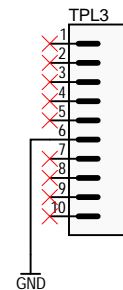
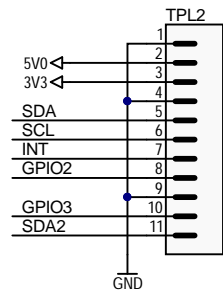
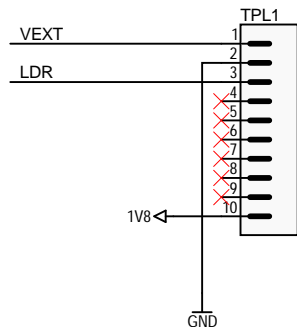
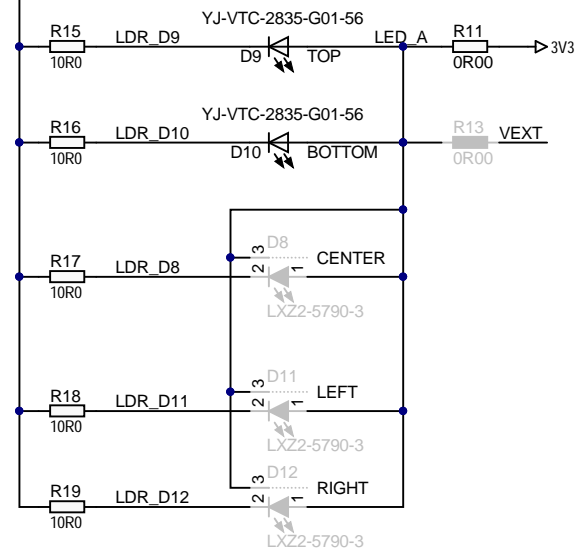
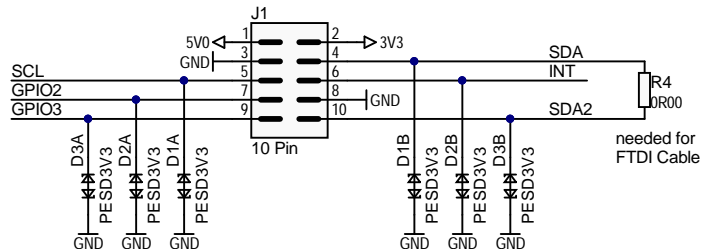
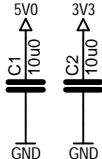
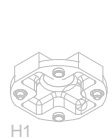
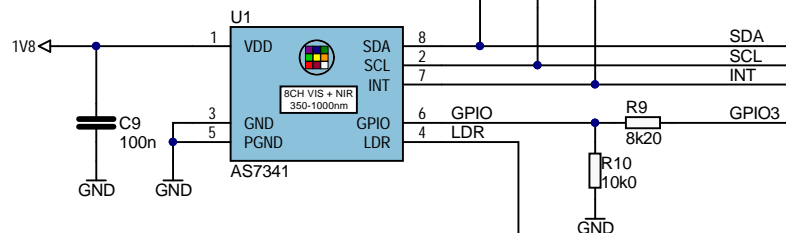
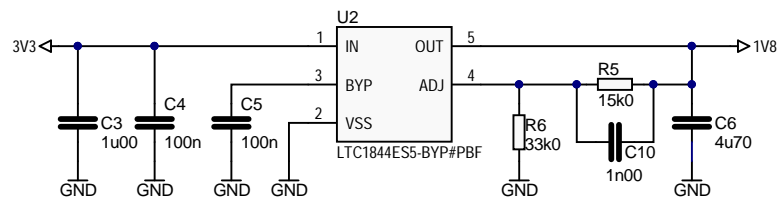
- Sheet 1: a001ka1_CSS Evalboard AS7341 Yuji_Title Page
- Sheet 2: a001ka1_CSS Evalboard AS7341 Yuji_Project Page (This page)
- Sheet 3: a001ka1_CSS Evalboard AS7341 Yuji_scm_01

Revision History

Rev 4.0.0: Initial Release	Release Date: 25/06/2018
Rev 4.1.0: Update Release	Release Date: 25/06/2018
Rev 4.1.1: Update Release	Release Date: 12/12/2019

Design Changes

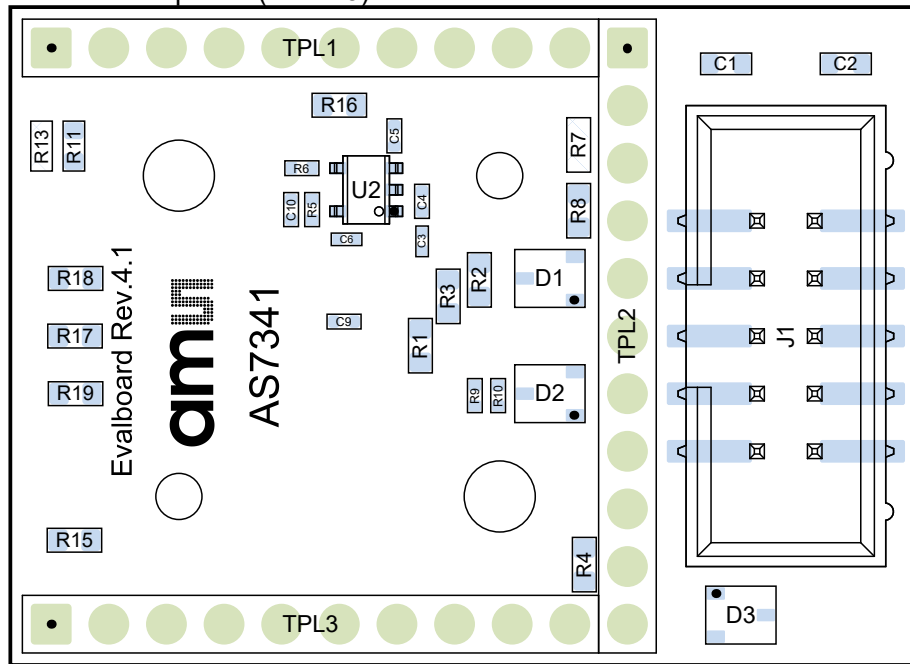
- Rev 4.1.0: - change LED Footprints
- Rev 4.1.1: - change LED D9 and D10 from 6500K to 5600K color tempeature



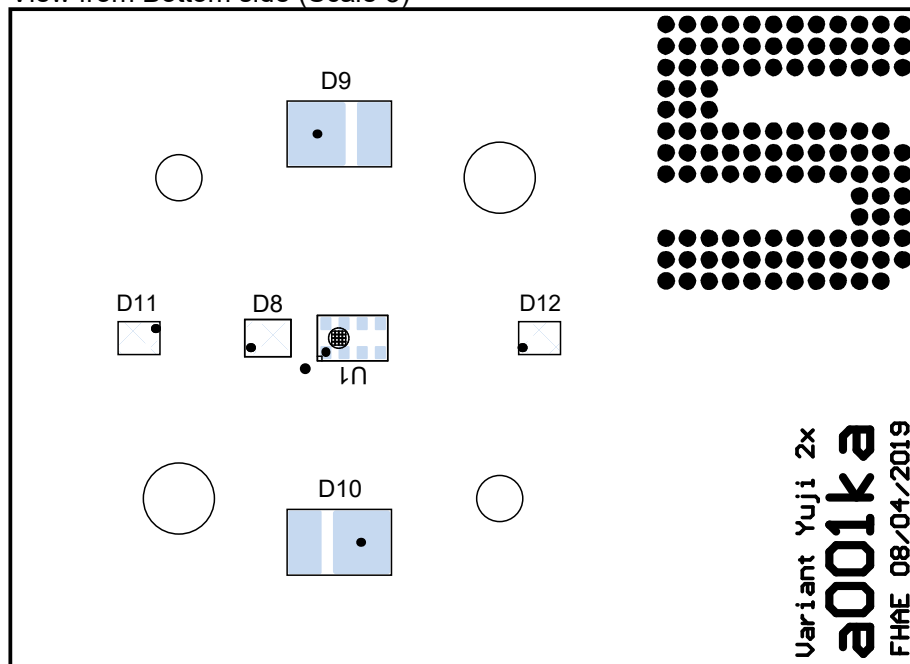
Confidential © ams AG

Product: AS7341 Variant Yuji 2x
 PCB Name: a001ka_CSS Evalboard AS7341 Yuji Rev 4.1.1
 Application Engineer: RGOE Release Date: 12/12/2019
 Sheet Name: a001ka1_CSS Evalboard AS7341 Yuji_scm_01.SchDoc
 Page Size: A4 Last Save Date / Time: 12.12.2019 / 16:26:09
 Project: a001_CSS Evalboard Sheet 3 of 3

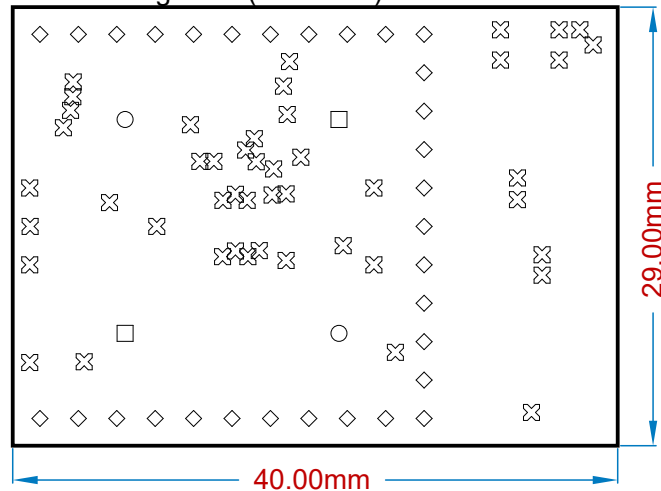
View from Top side (Scale 3)



View from Bottom side (Scale 3)



Drill Drawing View (Scale 2:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
✕	47	0.20mm	Plated	None
◇	31	1.00mm	Plated	None
□	2	2.10mm	Non-Plated	+0.10mm
○	2	3.20mm	Non-Plated	+0.10mm
	82 Total			

- 1.55mm $\pm 10\%$ 4-Layer FR4 (MLL4)
- manufactured with IPC Claas 2
- Technology: 150 μ m TrackWith/
TrackTrack
smallest drill: 200 μ m
- Prepreg and Core Tickness is free to defined
- outline is milled and v-cutted
- finished surface is ENIG
- Silkscreen color is white and made in high resoluion (more than 200 μ m)
- Solder Mask color is black
- check Gerber files against the IPC-D-356A.ipc netlist file
- Questions to:
ams Sensors Germany GmbH
Fernando Hädrich
e-mail:
fernando.haedrich@ams.com
Phone: +49 3641 280935



Confidential © ams AG

Product: AS7341

Variant Yuji 2x

PCB Name: a001ka_CSS Evalboard AS7341 Yuji

Rev 4.1.1

Application Engineer: RGOE

Release Date: 12/12/2019

Sheet Name: a001ka1_CSS Evalboard AS7341 Yuji.PCBdwf

Page Size: A4

Last Save Date / Time: 12.12.2019 / 16:26

Doc. Scale:

Project: a001_CSS Evalboard

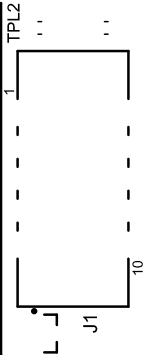
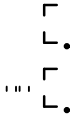
Sheet 1 of 1

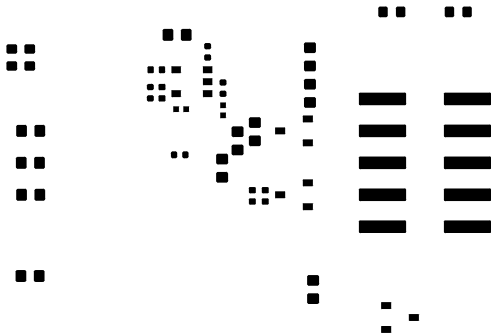
1:1
Millimeters

TPL1

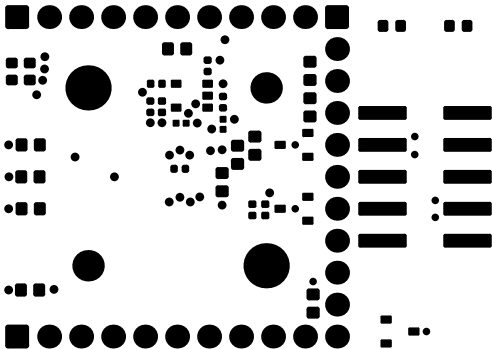
aim 5

AS7341

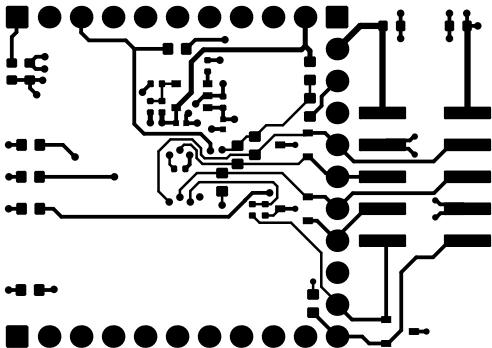


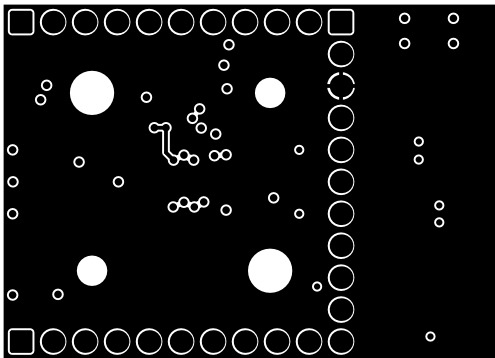


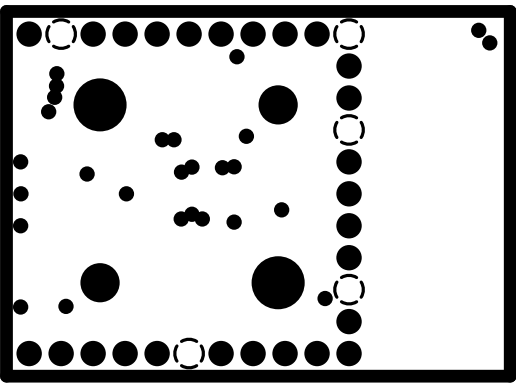
Top Solder



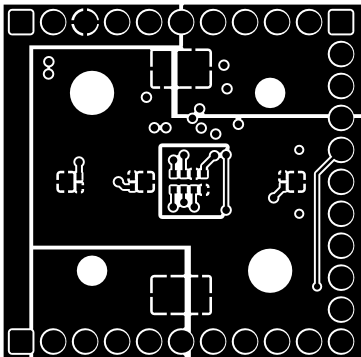
Top Layer



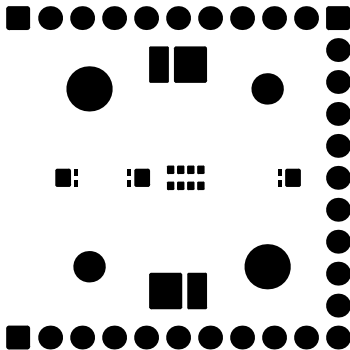




Bottom Layer



Bottom Solder





LHAE 08\04\501a
9001K9
[No Variations]

