



AS7343

a003\_AWS EVM

a0039a0\_AWS EVM AS7343 Yuji EE TMP

Variant standard



AS7343

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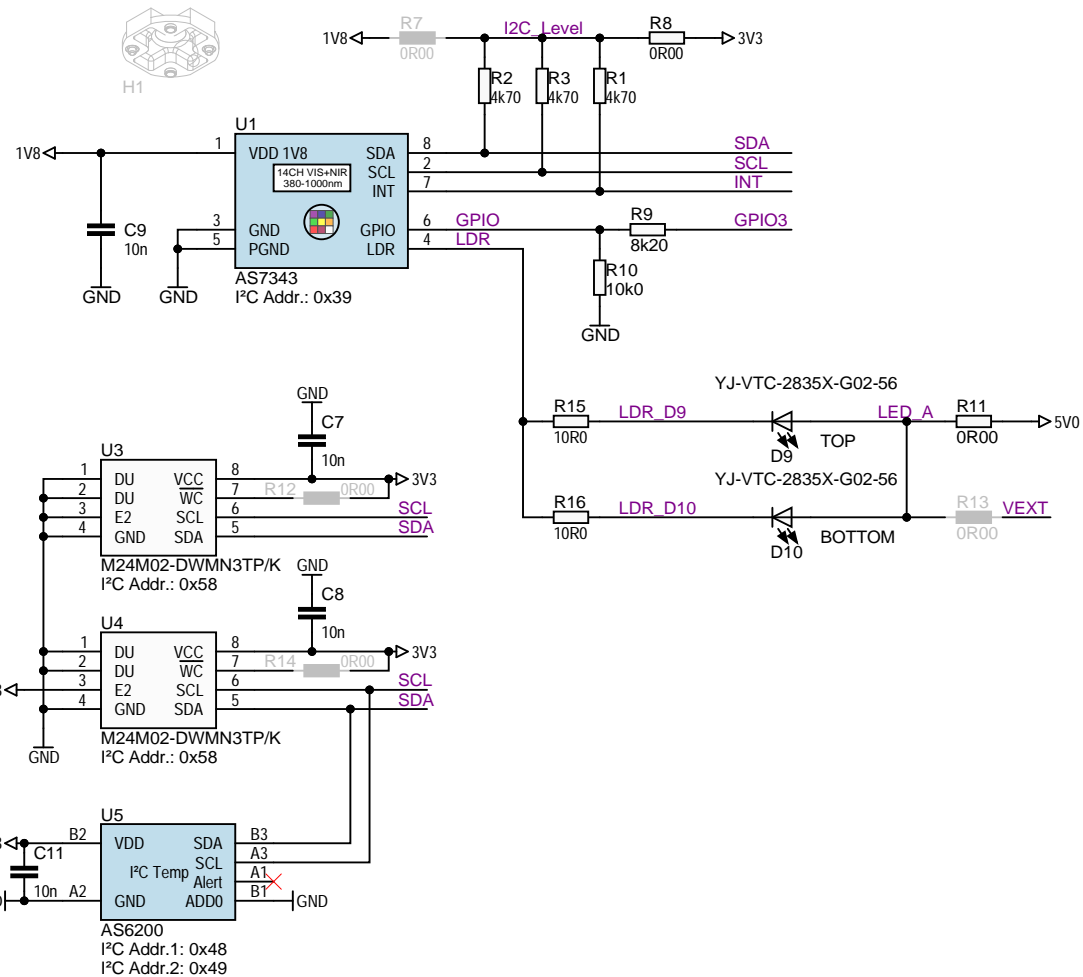
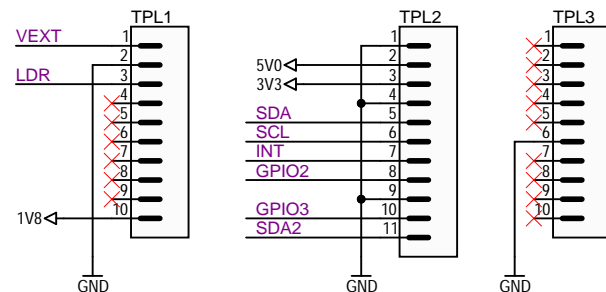
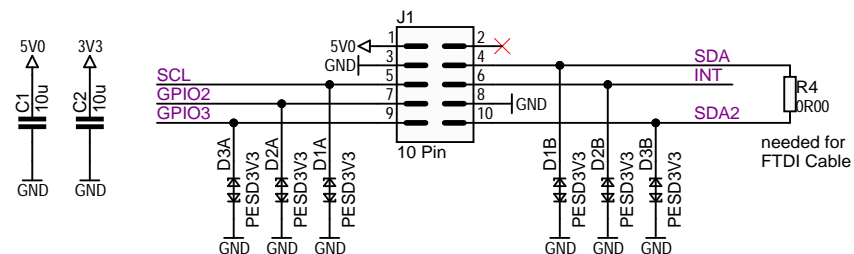
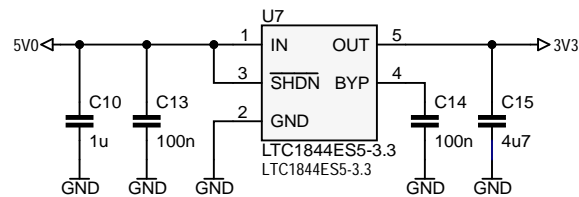
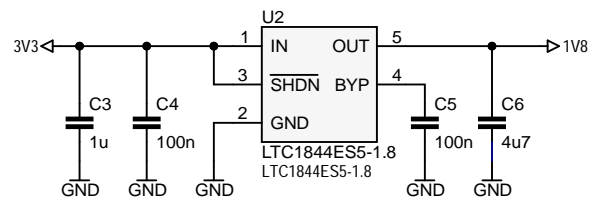
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Revision History

Rev1.0.0: Initial Release	Release Date: 15/12/2021
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Design Changes



ams OSRAM

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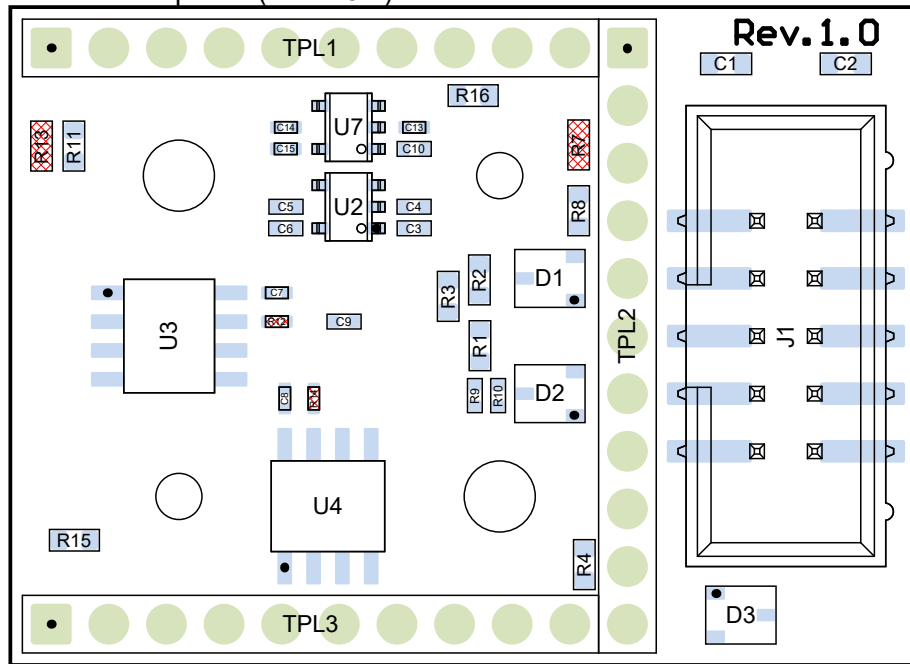
Product: AS7343  
PCB Name: a0039a\_AWS EVM AS7343 Yuji EE TMP.PcbDoc

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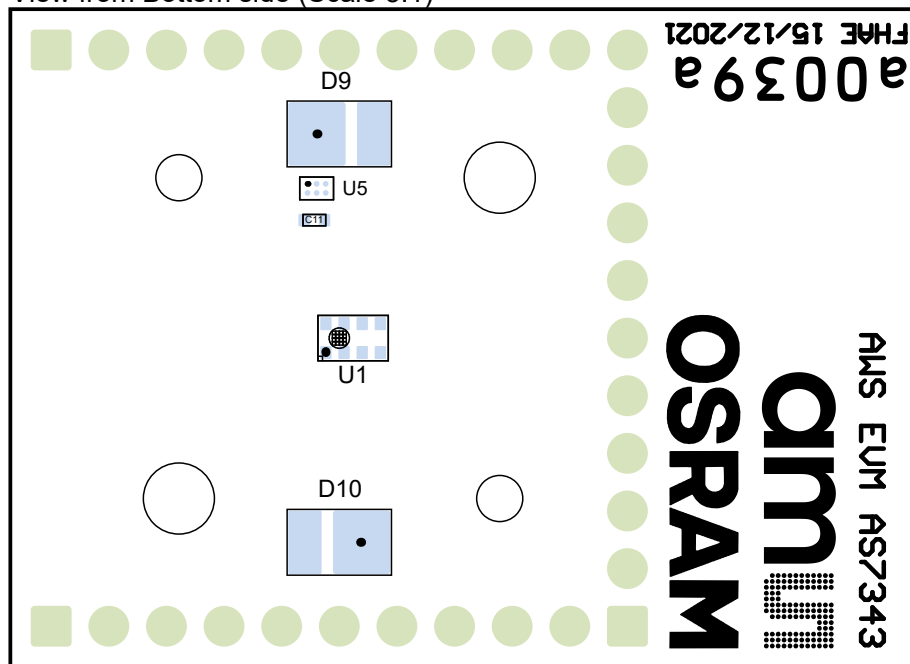
Application Engineer: FHAE Release Date: 15/12/2021  
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Project: a003\_AWS EVM Sheet 3 of 3

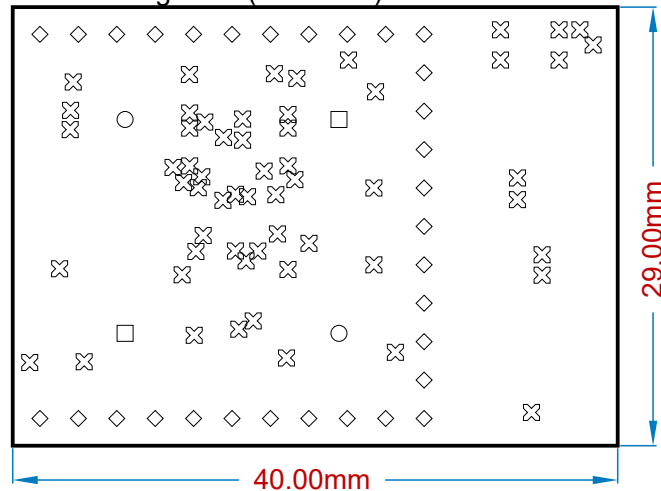
View from Top side (Scale 3:1)



View from Bottom side (Scale 3:1)



Drill Drawing View (Scale 2:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
×	58	0.15mm	Plated	
◇	31	1.00mm	Plated	
□	2	2.10mm	Non-Plated	+0.10mm/-0.00mm
○	2	3.20mm	Non-Plated	+0.10mm/-0.00mm
	93 Total			

- 1.55mm  $\pm 10\%$  4-Layer FR4 (MLL4)
- manufactured with IPC Claas 2
- Technology: 150 $\mu$ m TrackWith/  
TrackTrack  
smallest drill: 200 $\mu$ m
- Prepreg and Core Thickness 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 $\mu$ m)
- Solder Mask color is black
- check Gerber files against the IPC-D-356A.ipc netlist file
- Questions to:  
ams Sensors Germany GmbH  
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**am** **OSRAM**

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Product: AS7343

Variant standard

PCB Name: a0039a\_AWS EVM AS7343 Yuji EE TMP.PcbDoc

Rev 1.0.0

Application Engineer: FHAE

Release Date: 15/12/2021

Sheet Name: a0039a0\_AWS EVM AS7343 Yuji EE TMP.PCBDwf

Page Size: A4

Last Save Date / Time: 16.12.2021 / 11:40

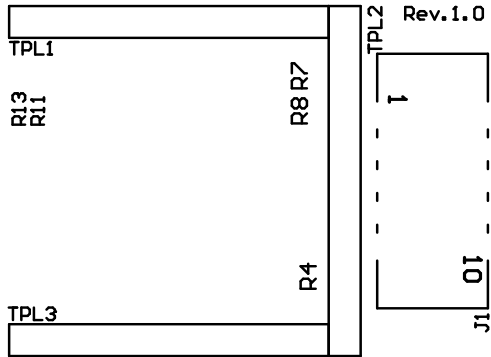
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Project: a003\_AWS EVM

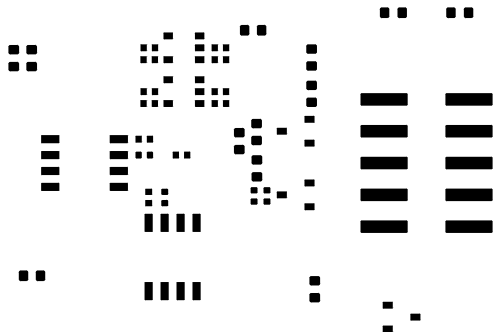
Sheet 1 of 1

1:1  
Millimeters

# Top Silk

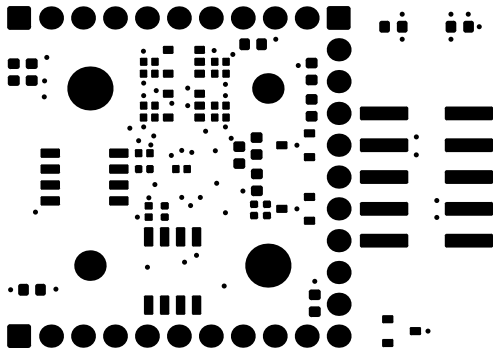


Top Paste



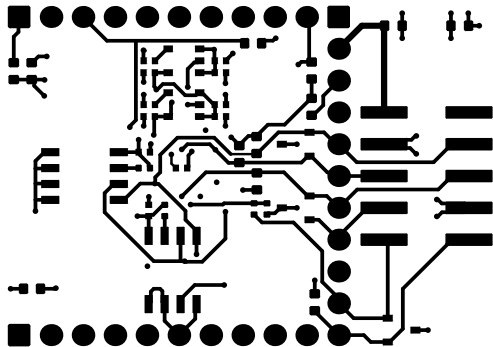
Top Solder no black

Top Solder

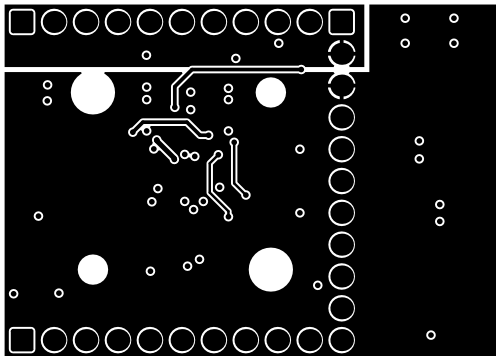




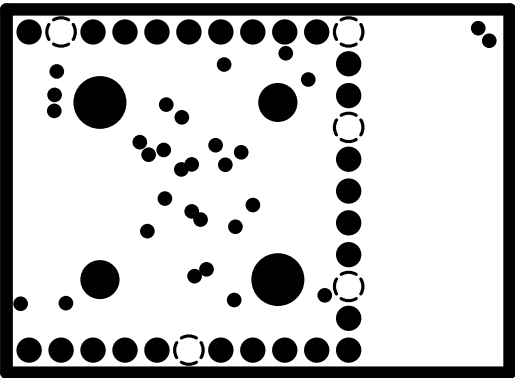
# Top Layer



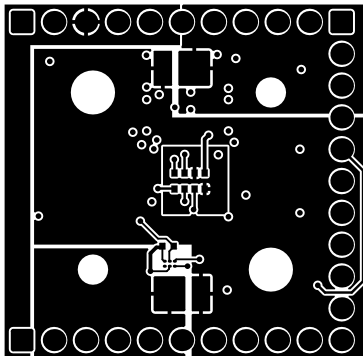
Inner 1



Inner 2



# Bottom Layer



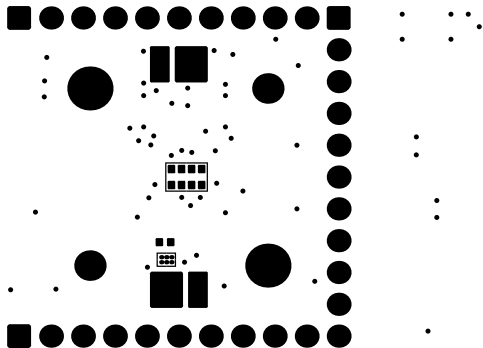
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# Bottom Solder



Bottom Solder no black



Bottom Paste



FHEE 12\15\2021  
900369

34652A MUA 2MA

**jump**

**MAY20**

Da

D10

Bottom Silk



# Board Outline

