

1

2

3

4

A

A

B

B

C

C

D

D



AS7056

e011\_AWS AS7056

e0114a1\_AWS AS7056 EVK\_Sensorboard7056

Variant standard

1

2

3

4



## Table of Contents

Sheet 1: e0114a1\_AWS AS7056 EVK\_Sensorboard7056 \_Title Page

Sheet 2: e0114a1\_AWS AS7056 EVK\_Sensorboard7056 \_Project Page (This page)

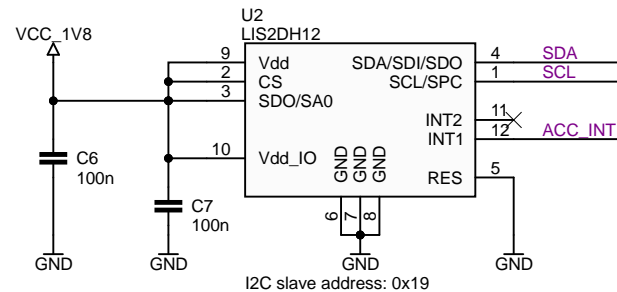
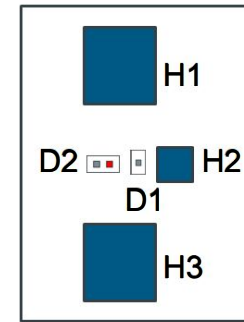
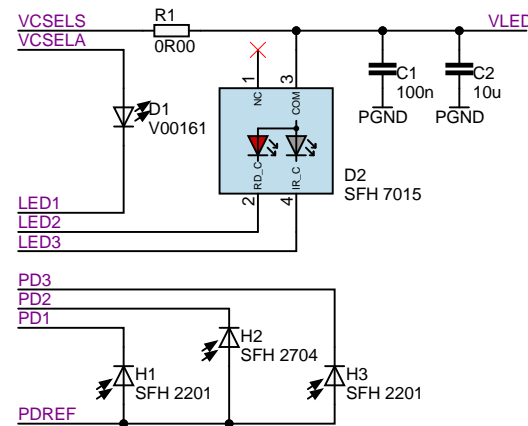
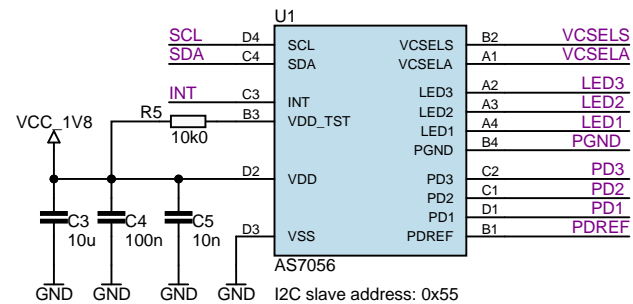
Sheet 3: e0114a1\_AWS AS7056 EVK\_Sensorboard7056 \_scm\_01 (AS7056)

## Revision History

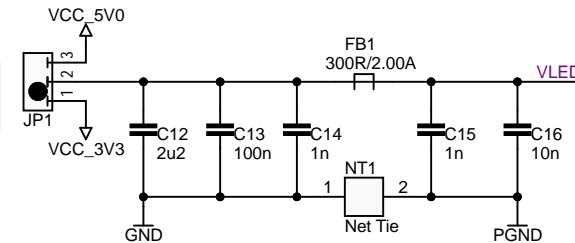
Rev 1.0.0: Initial Release	Release Date: 04/05/2021
Rev 1.0.1: Update Release	Release Date: 27/08/2021

## Design Changes

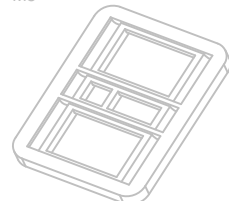
Rev 1.0.1: Update Release	change standoff (M1,M3) to M2x11mm
	change screw (M2,M4) to M2x4mm
	add laser warn label
	change D1 to V00161 (VCSEL)



set default: 1-2  
place R100 0R  
BF 1608



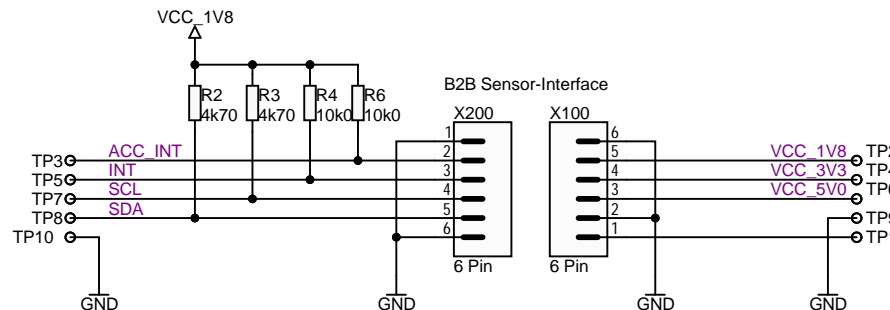
M5



e0080a0\_AWS AS7050 SMOD2201 frame

#### Mounting material

M1	M2
Nylon_Standoff_M2x11mm	Threaded Screws ISO M2x4mm
M3	M4
Nylon_Standoff_M2x11mm	Threaded Screws ISO M2x4mm



L1  
LaserWarn\_Label

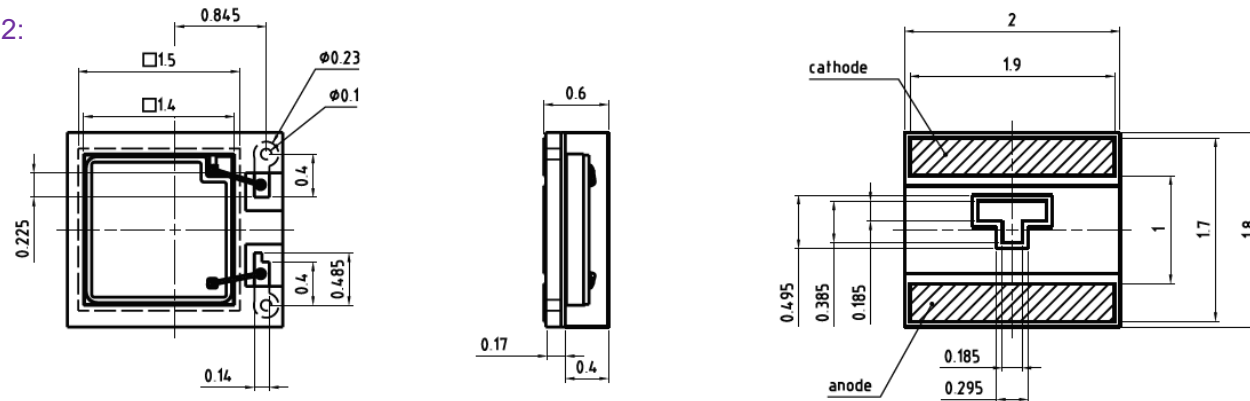
amun

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Product: AS7056	Variant standard
PCB Name: e0114a_AWS AS7056 EVK_Sensorboard7056.PcbDoc	Rev 1.0.1
Application Engineer: MKNE	Release Date: 27/08/2021
Sheet Name: e0114a1_AWS AS7056 EVK_Sensorboard7056_scm_01.SchDoc	
Page Size: A4	Last Save Date / Time: 27.08.2021 / 10:22:00
Project: e011_AWS AS7056	Sheet 7 of 7

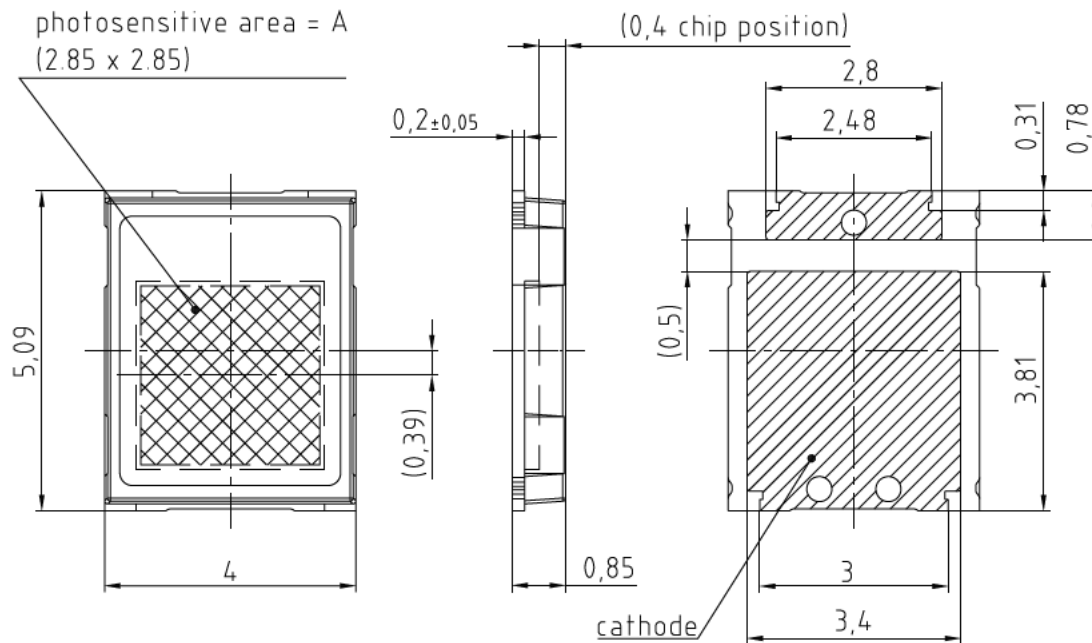


H2:

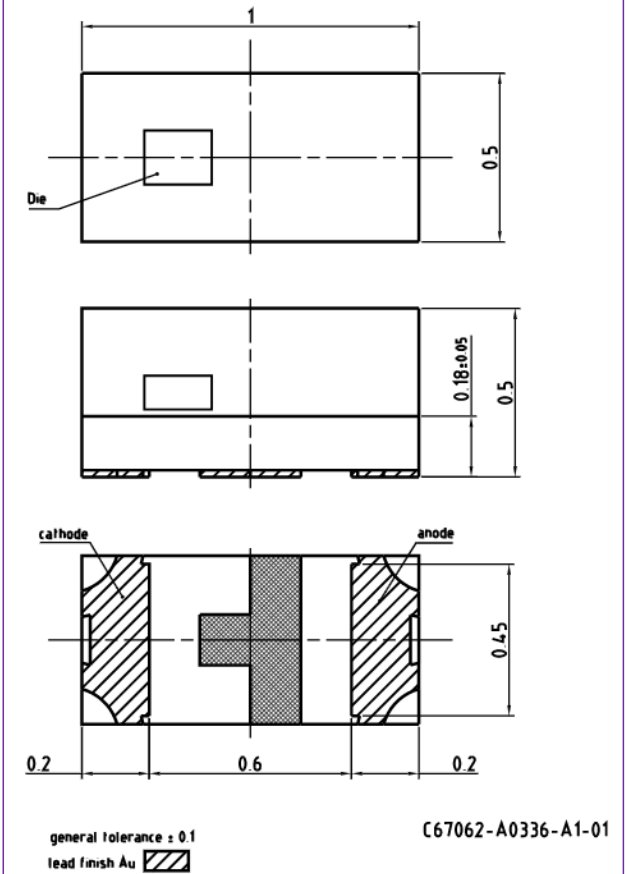


H1 und H3:

photosensitive area = A  
(2.85 x 2.85)



D1:



am

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Product: AS7056

Variant standard

PCB Name: e0114a\_AWS AS7056 EVK\_Sensorboard7056.PcbDoc Rev 1.0.1

Application Engineer: MKNE

Release Date: 27/08/2021

Sheet Name: e0114a1\_AWS AS7056 EVK\_Sensorboard7056.PCBDwf

Page Size: A4

Last Save Date / Time: 27.08.2021 / 10:22

Doc. Scale:

Project: e011\_AWS AS7056

Sheet 2 of 2

1:1  
Millimeters

Top Overlay

# EVK Sensor Board AS7056

H1

H2

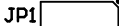
D2

H3

U1

7

6



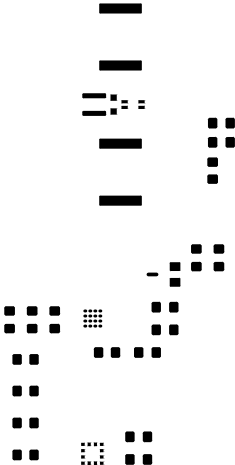
U2

12

1

e0114a

Top Paste

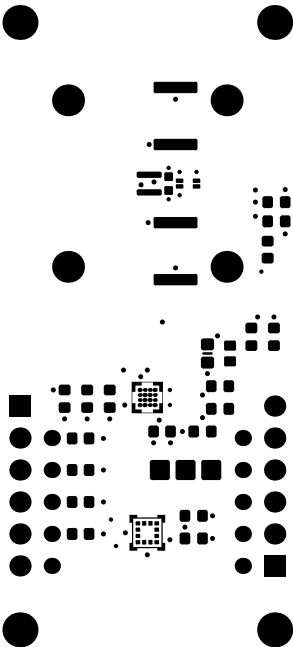


none black solder top

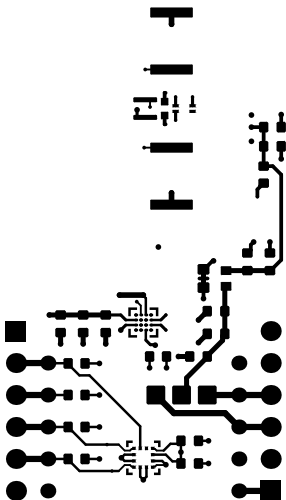




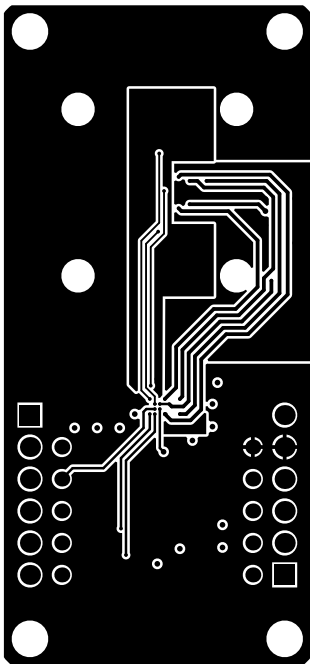
Top Solder

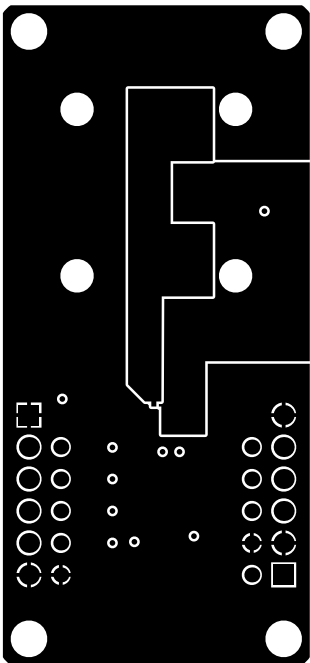


## Top Layer

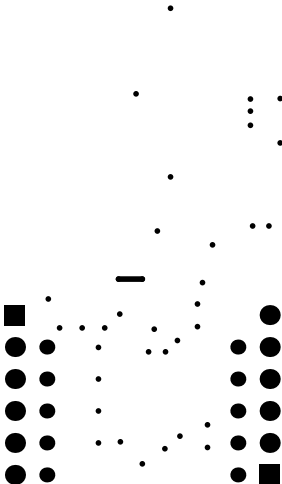


Inner 1

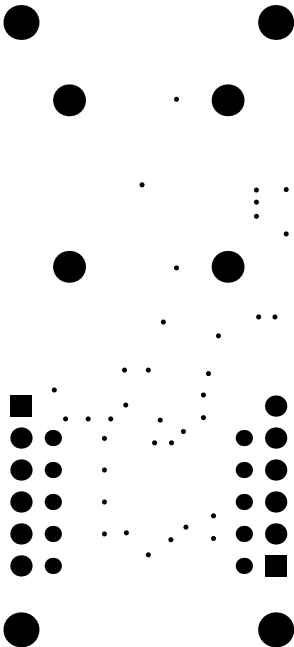




# Bottom Layer



## Bottom Solder



none black solder bottom

Bottom Paste



# Bottom Overlay



X500



X100



FHAE 12\02\2021

# Board Outline

