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Revision History:

REV	DATE	Description:
A	13-FEB-2024	Initial Release,

220-00312 DWG NO. 1 1

REVISION	DESCRIPTION	DATE	APPROVED
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Note: Items in this schematic may be inconsistent with the
Alif PCB Layout Guidelines, AAPN0027. If a discrepancy is
seen between the schematic and AAPN0027, AAPN0027
takes precedence.

ZF1

110-00312

APPROVALS	DATE	PROJECT
ENG: K Braun	13-FEB-2024	00312
DSN: K Braun	13-FEB-2024	
CHK: n/a	13-FEB-2024	

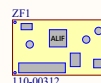
REFERENCE DOCUMENTS		TITLE	
BOM: 250-00312		IAS Camera Adapter	
ASSY DWG: 120-00312	SIZE: B	CAGE CODE: none	DWG NO: 220-00312
FAB DWG: 210-00312	SCALE: none	FILE NAME: 1-RevisionHistory.SchDoc	REV: -
PCB DWG: 110-00312-A		SHEET: 1	OF: 2





Alif Semiconductor
7901 Stoneridge Drive
Suite 300
Pleasanton, CA 94588 USA

220-00312
1 1

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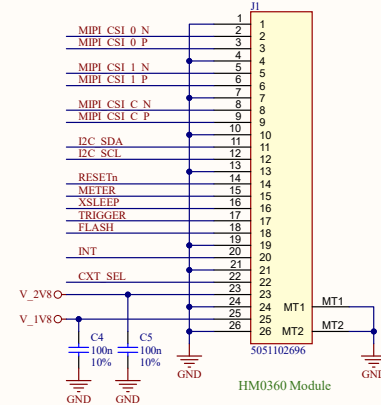
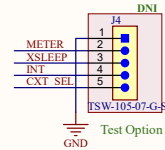
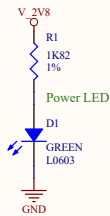
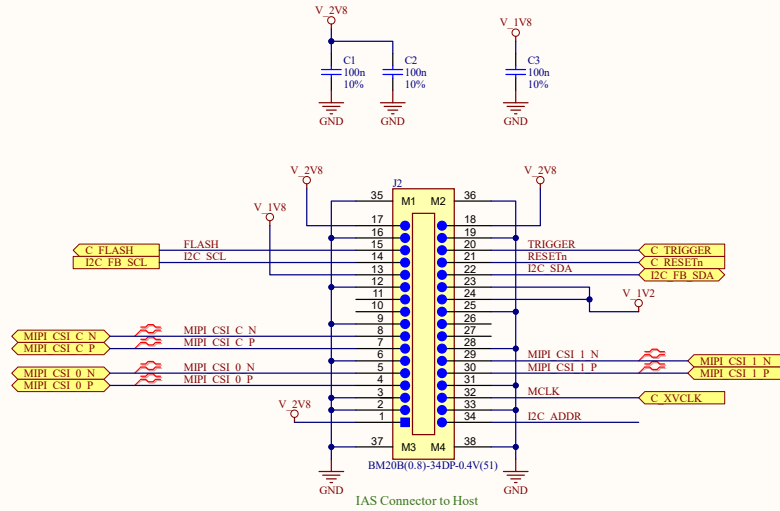
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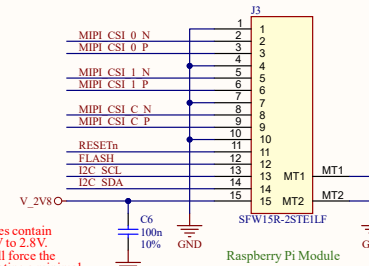
APPROVALS		DATE	PROJECT		 ALIF SEMICONDUCTOR		AIF Semiconductor 7901 Stoneridge Drive Suite 300 Pleasanton, CA 94588 USA	
ENG:	K Braun		00312					
DSN:	K Braun							
CHK:	n/a							
REFERENCE DOCUMENTS			TITLE					
BOM: 250-00312			IAS Camera Adapter					
ASSY DWG: 120-00312			SIZE	CAGE CODE	DWG NO.		REV.	
PCB DWG: 110-00312			B	none	220-00312		-	
FAB DWG: 210-00312-A			SCALE:	none	FILE NAME: t-RevisionHistory_SchDoc			
							SHEET 1 OF 2	

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Note: Most Pi camera modules contain an internal LDO to drop 3.3V to 2.8V. In this case, feeding 2.8V will force the internal LDO to saturate, creating a minimal voltage drop to the camera itself.



APPROVALS	DATE	PROJECT	ALIF	ALIF Semiconductor
ENG: K Braun		00312	7901 Stoneridge Drive	7901 Stoneridge Drive
DSN: K Braun			Suite 300	Suite 300
CHK: n/a			Pleasanton, CA 94588	Pleasanton, CA 94588
REFERENCE DOCUMENTS		TITLE	IAS Camera Adapter	
BOM: 250-00312				
ASSY DWG: 120-00312				
FAB DWG: 210-00312				
PCB DWG: 110-00312-A				
SIZE: B	CAGE CODE: none	DWG NO: 220-00312	REV: -	
SCALE: none	FILE NAME: 2-Adapter.SchDoc	SHEET: 2	OF: 2	