

Table of Contents	
01	Title, ToC and Rev History
02	ADC ANNAPURNA
03	Power Supply
04	ARDUINO HEADERS

NAFE13388-UIM
91005-C2

NOTE: Default Jumper locations are indicated on the schematic by ■

JUMPER TABLE		
REF DES	JUMPER(DEFAULT)	PAGE NAME
J91	OPEN	02-ADC ANNAPURNA
J90	CLOSE	03-Power Supply

DNP TABLE		
REF DES	ASSY_OPT	PAGE NAME
C12,C15,C228,C230,C237,C238,D10,R48,R49,R50,R51,R52	DNP	02-ADC ANNAPURNA
C156,C268	DNP	03-Power Supply
C269	DNP	04-ARDUINO HEADERS

Revision History			
Rev	Description	Date	APPROVED
X1	Initial draft	20-7-2023	Madhura
X1	A055 Release	02-8-2023	Madhura
	[1] DUT_3V3 also replaced with 3V3 [2] change supply of U20 chip to 15V instead of -24V [3] AUX_3V3 supply Replaced with 3V3 [4] DUT_-15V0, AUX_-15V0a Replaced with -15V [5] DUT_15V0,AUX_15V0 Replaced with 15V [6] Remove R203 and R204 [7] remove ADC_nReset net from J85 pin 3 and connect to U1 Pin 36 (Reset circuit) [8] Remove D3,D4,D5,D6,D7,D8,D9,and D10 [9] Remove U5,U15,U16all all the circuits connected to these ICs. Change 24V netname to 15V. [10] Remove DNP from J7 [11] Add one banana clip connection to -15V net near U20 OUT. [12] remove D28 and R234	10-8-2023	Madhura
X1	A070 Release	18-8-2023	Madhura
X2	[1] Remove EXT_3V3_D, No header pin for EXT_3V3_D [2]Add DNPcapacitor (1uF) between GND and GND_D [3] change resistor R234 (0ohm) to a jumper [4] ADC_nDRDY1 and ADC_nint1 to J86.4 (pin4) and J86.5 (pin 5) [5] add green LED (Like LED D22) on GPIO 2 to 10 [6] change J82 , J83 male header to Terminal Block [7] EXTCLK on J82 or J83	24-10-2023	Madhura
A	Baselined and A085 release	30-10-2023	Madhura
B	U18 LDO PN changed to LP2950-33LPRE3 and rereleased A085 in Aras	23-11-2023	Madhura
C	Baselined and A085 release	17-4-2024	Madhura
C1	A085 baselined and move to production	09-08-2024	Madhura
C2	Re-released files with next revision due to ARAS issue (No Schematic or Cosmetic changes between Rev C1 and C2)	24-09-2024	Madhura



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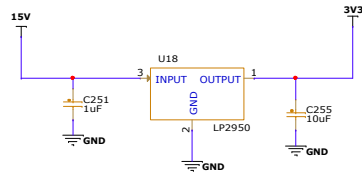
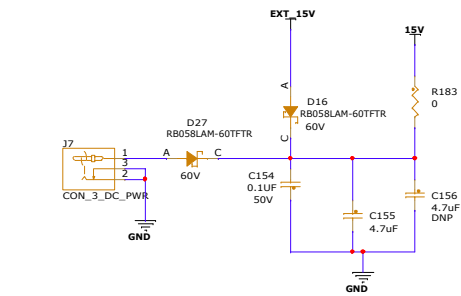
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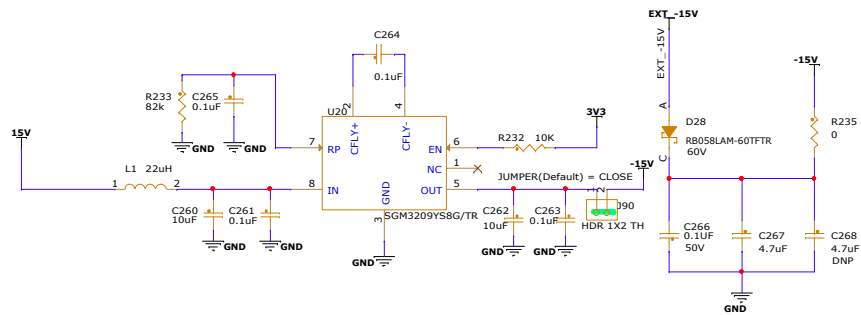
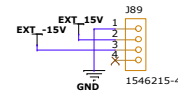
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Drawn by: Vijayalakshmi	Page Title: Title, ToC and Rev History		
Approved: Madhura	Size C	Document Number SCH-91005, SPF-91005	Rev C2
Date: Tuesday, September 24, 2024 Sheet 1 of 4			

MCU POWER SUPPLIES



EXTERNAL POWER SUPPLIES



Classification: Public, Company Internal/Proprietary

Drawing Title:

NAFE13388-UM

Page Title:

Power Supply

Size
C

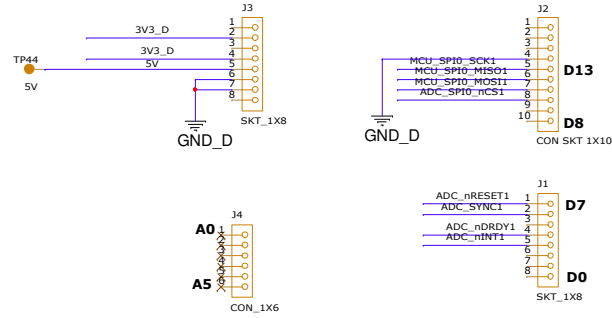
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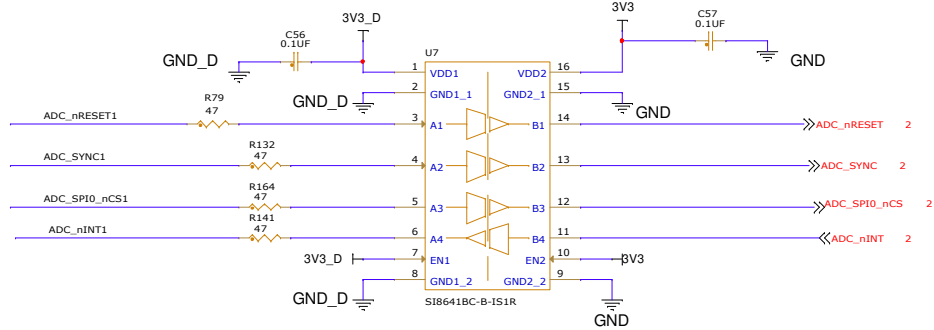
Rev
C2

Date: Tuesday, September 24, 2024 Sheet 3 of 4

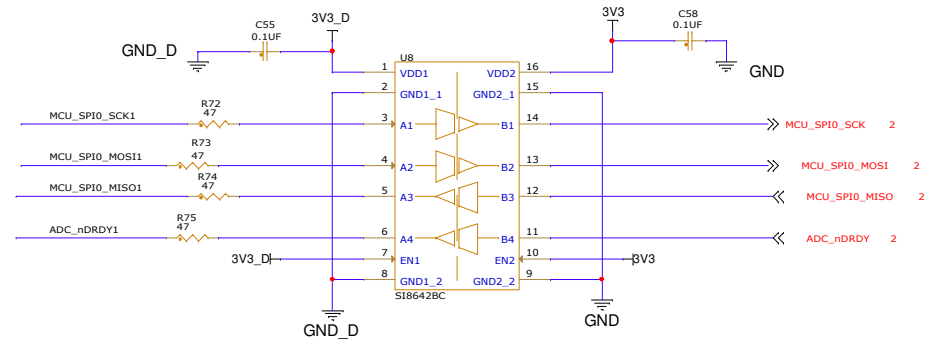
ARDUINO INTERFACE HEADERS



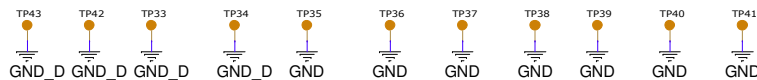
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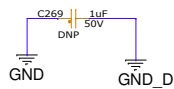
Outputs are default to 'L'



Spread GND test points uniformly across the board



Stand-offs spread uniformly across the board



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Drawing Title: NAFE13388-UIM		
Page Title: ARDUINO HEADERS		
Size C	Document Number SCH-91005, SPF-91005	Rev C2
Date: Tuesday, September 24, 2024 Sheet 4 of 4		