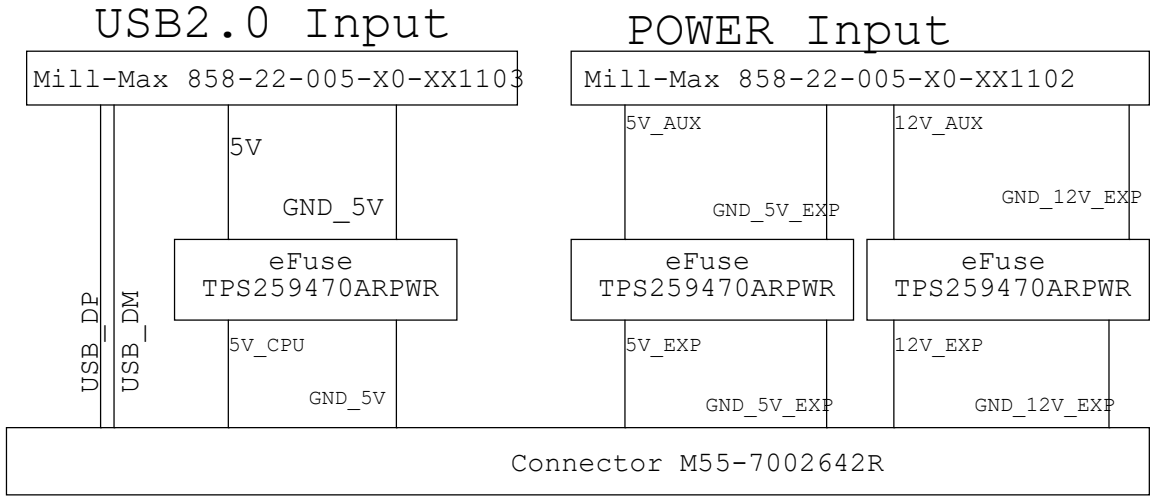
Index

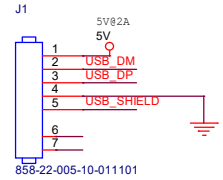
PAGE	COMPONENT/FUNCTION
001	1_Index
002	2_BlockDiagram
003	3_Adaptor

SpaceCiinTech

Project: BEE-PC1	**Sub-system:** Adaptor	
Designed by: cd	**Sheet title:** Index	**Sheet** 1 of 3
Checked by: Bao Bui	**Document no:** 1	**Size:** A3
Approved by: Vu Pham	**Revison:** V1.0.0	**Date:** Oct 3rd, 2024

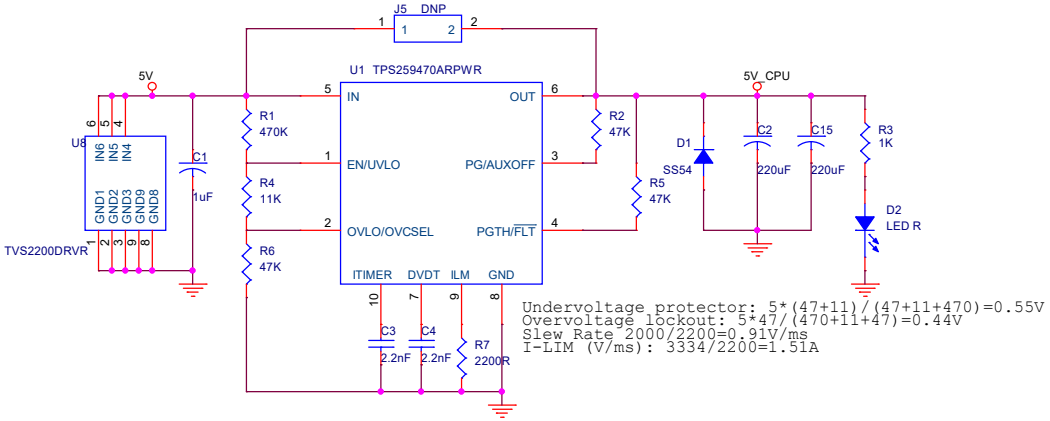


SpaceCiinTech		
Project: BEE-PC1	**Sub-system:** Adaptor	
Designed by: cd	**Sheet title:** BlockDiagram	**Sheet** 2 **of** 3
Checked by: Bao Bui	**Document no:** 2	**Size:** A3
Approved by: Vu Pham	**Revison:** V1.0.0	**Date:** Oct 3rd, 2024

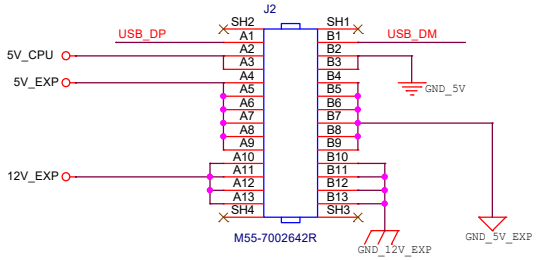


Mill-Max Manufacturing Corp.
858-22-005-10-011101

- ELECTRICAL:
  Current rating: 9A/contact
  Max current 5A per contact
- ENVIRONMENT:
  High temperature resistance: UL94 V-0

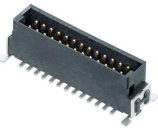


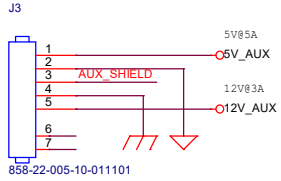
Undervoltage protector: 5*(47+11)/(47+11+470)=0.55V
Overvoltage lockout: 5*47/(470+11+47)=0.44V
Slew Rate 2000/2200=0.91V/ms
I-LIM (V/ms): 3334/2200=1.51A

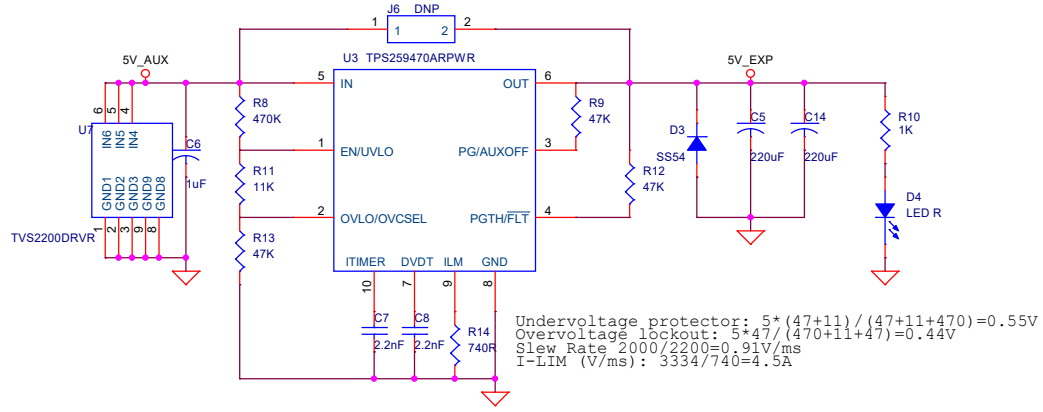


Harwin Inc. M55-7002642R

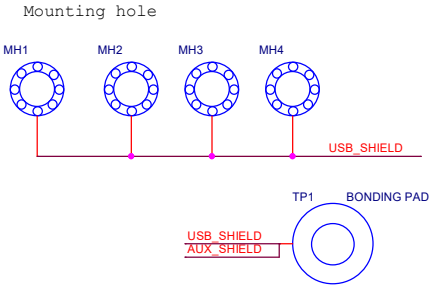
- ELECTRICAL:
  Current rating: 1.2A/Contact
  Voltage rating: 100V/Contact
  Max current: 0.75A per contact
- Connection: Board to board
- ENVIRONMENT:
  Temperature range: -55*C to +125*C
- PHYSICAL:
  Pitch: 1.27mm

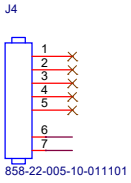


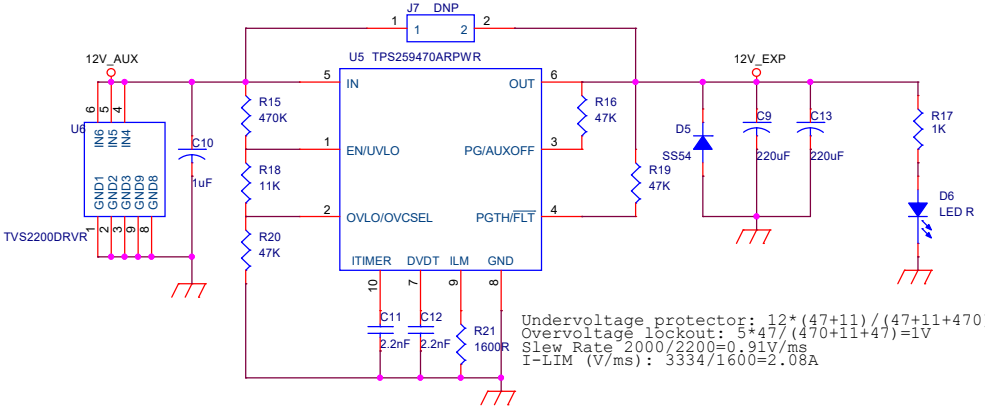




Undervoltage protector: 5*(47+11)/(47+11+470)=0.55V
Overvoltage lockout: 5*47/(470+11+47)=0.44V
Slew Rate 2000/2200=0.91V/ms
I-LIM (V/ms): 3334/740=4.5A







Undervoltage protector: 12*(47+11)/(47+11+470)=1.3V
Overvoltage lockout: 5*47/(470+11+47)=1V
Slew Rate 2000/2200=0.91V/ms
I-LIM (V/ms): 3334/1600=2.08A

SpaceCiinTech		
Project: BEE-PC1	Sub-system: Adaptor	
Designed by: cd	Sheet title: Adaptor	Sheet 3 of 3
Checked by: Bao Bui	Document no: 3	Size: A3
Approved by: Vu Pham	Revison: V1.0.0	Date: Oct 3rd, 2024