

A

B

C

D

A

B

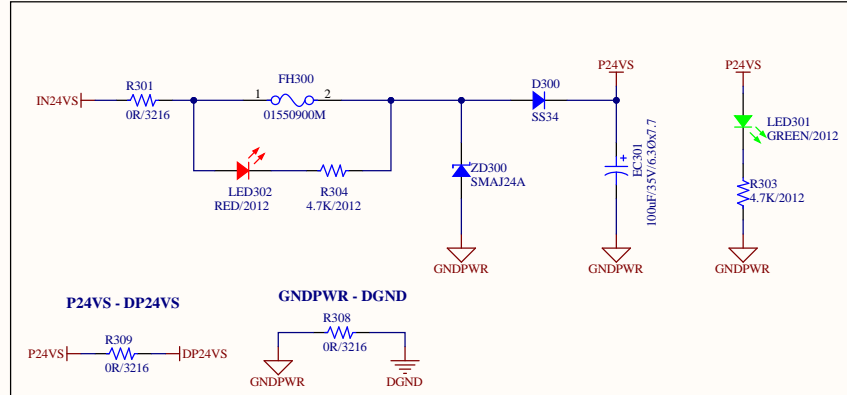
C

D

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A	<div>Power Module (Type-A / Rev.A)</div> <div>[2] Overview</div>																											
B																												
C																												
D	<table><tr><td colspan="3">Title</td><td>Rev</td></tr><tr><td colspan="3">Power Module (Type-A).PrjPcb</td><td>*</td></tr><tr><td colspan="2">Doc</td><td colspan="2">02_Overview.SchDoc</td></tr><tr><td>Sheet # 2</td><td>of 4</td><td>Author</td><td>*</td></tr><tr><td colspan="2">Date</td><td colspan="2">2024-04-11</td></tr><tr><td colspan="4">This document is copyright of ArkX and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.</td></tr></table>				Title			Rev	Power Module (Type-A).PrjPcb			*	Doc		02_Overview.SchDoc		Sheet # 2	of 4	Author	*	Date		2024-04-11		This document is copyright of ArkX and shall not be revealed, produced, copied, in whole or in part, nor used for any purpose other than submitted.			
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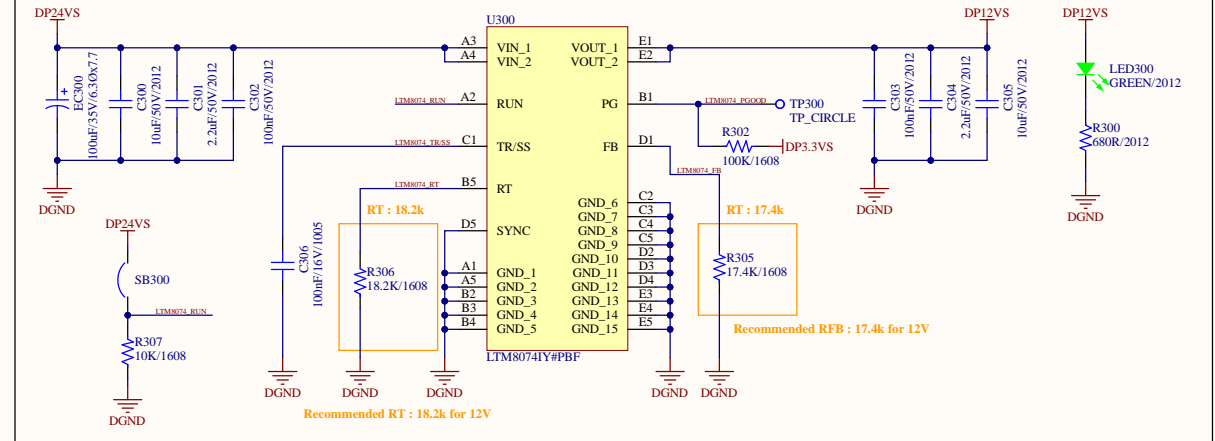
[3] DC-DC Converter

Power Input

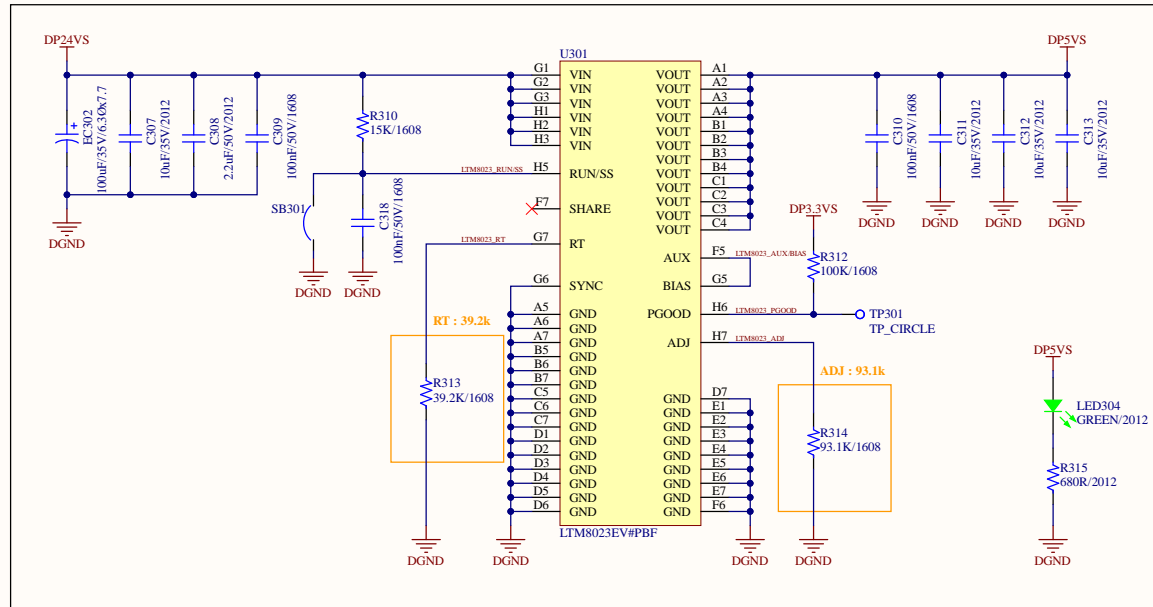


DP12VS : 12V Switching Regulator (12V / 1.5A)

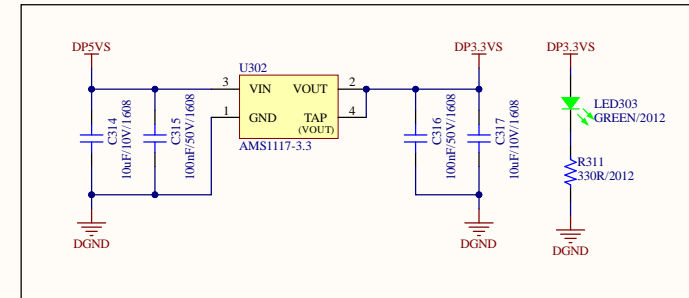
For 12V Output, Vin must be higher than 21V



DP5VS : 5V Switching Regulator (5V / 2A)



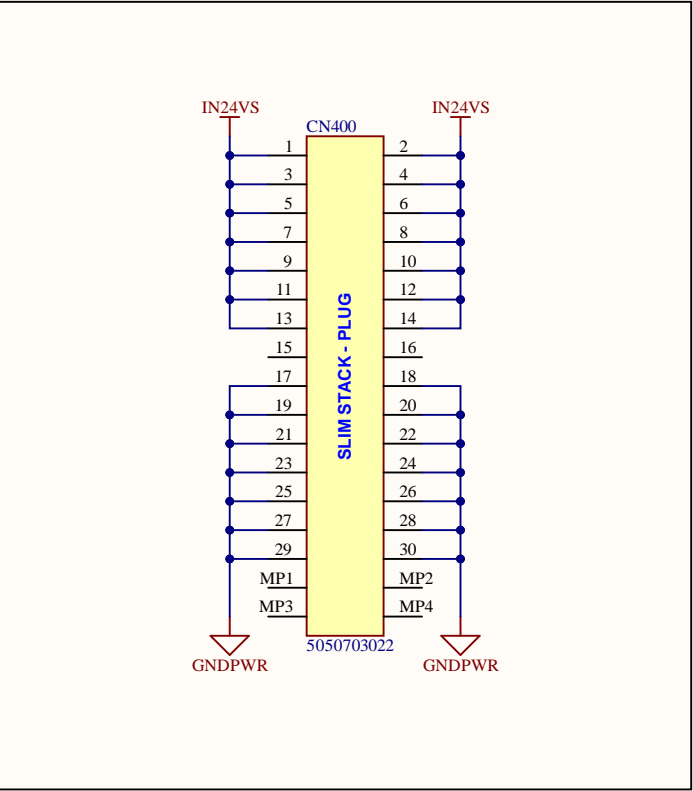
DP3.3VS : 3.3V LDO (3.3V / 1A)



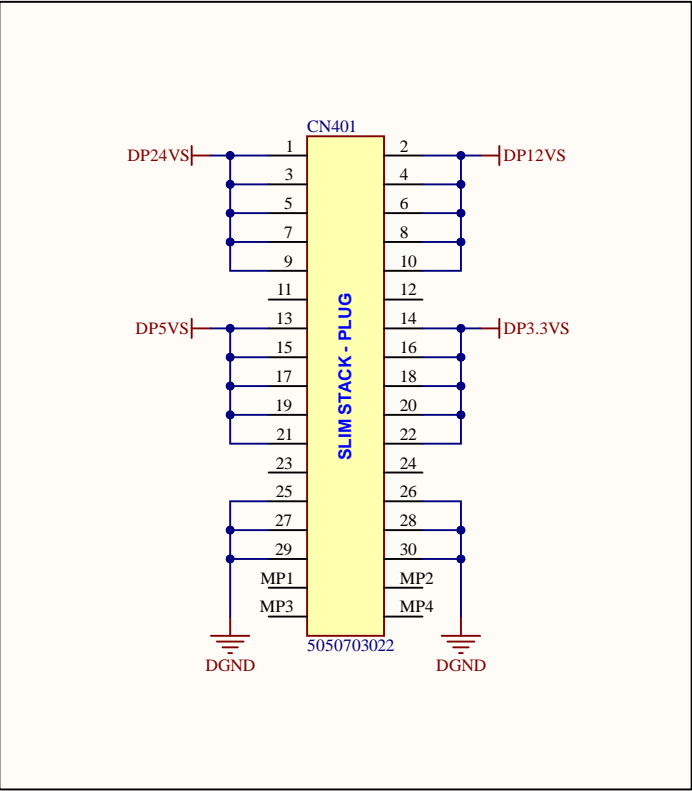
Title		Rev
Power Module (Type-A).PrjPcb		*
Doc		03_DC-DC_Converter.SchDoc
Sheet # 3 of 4		
Author		
Date		
2024-04-11		
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[4] Connector

Power Input (24V)



Power Output (24V / 12V / 5V / 3.3V)



Title		Power Module (Type-A).PrjPcb		Rev	*
Doc		04_Connector.SchDoc			
Sheet # 4 of 4		Author *			
Date		2024-04-11			
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