

A

A

Camera Controller using STM32H745ZI

B

B

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C

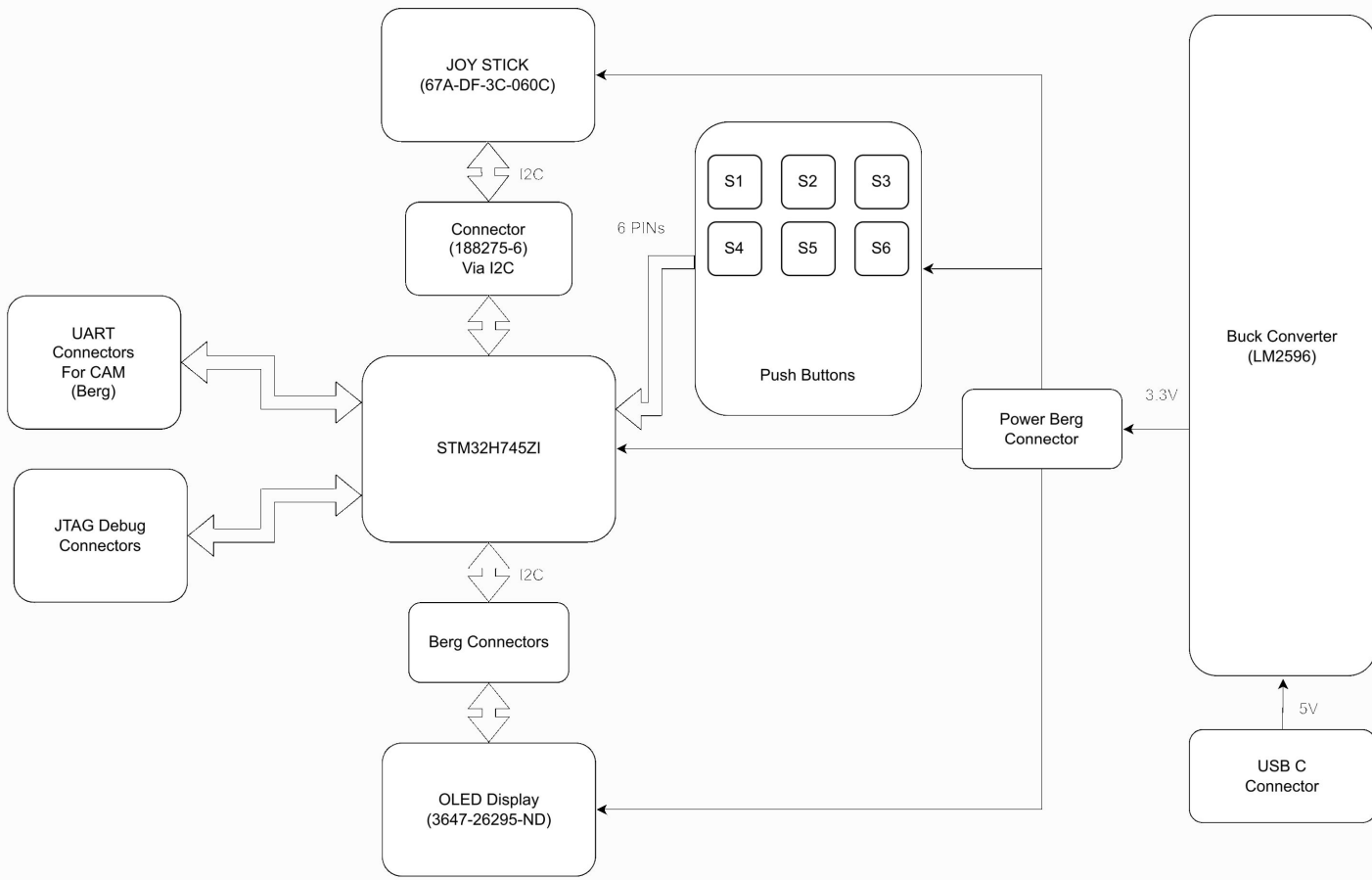
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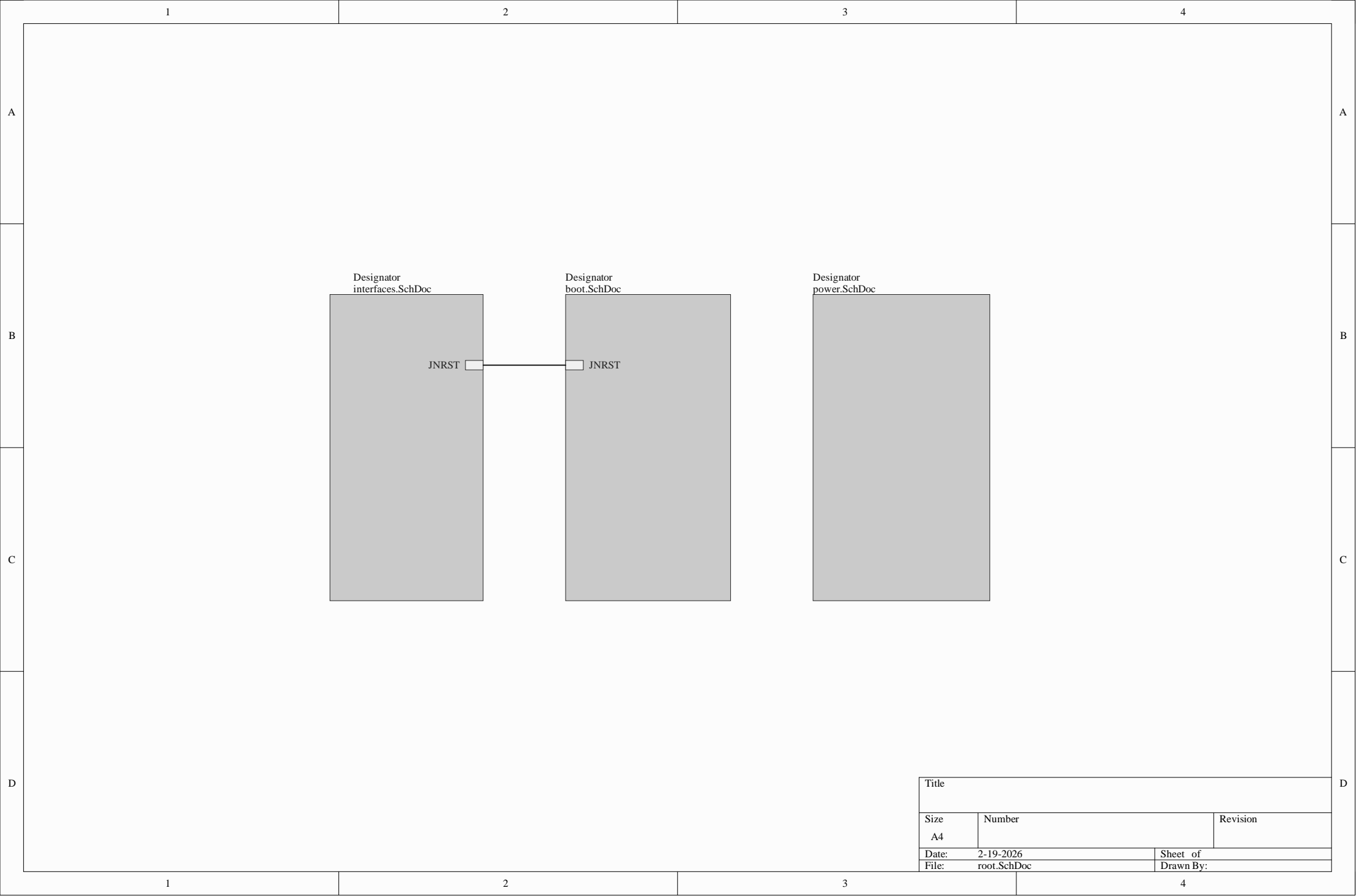
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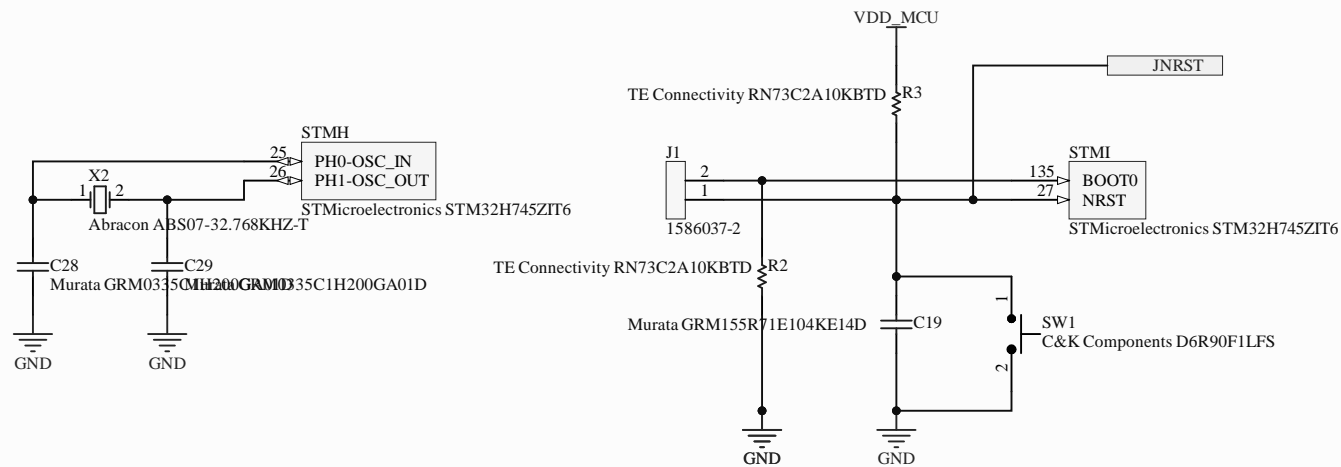
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Block Diagram of the Entire System



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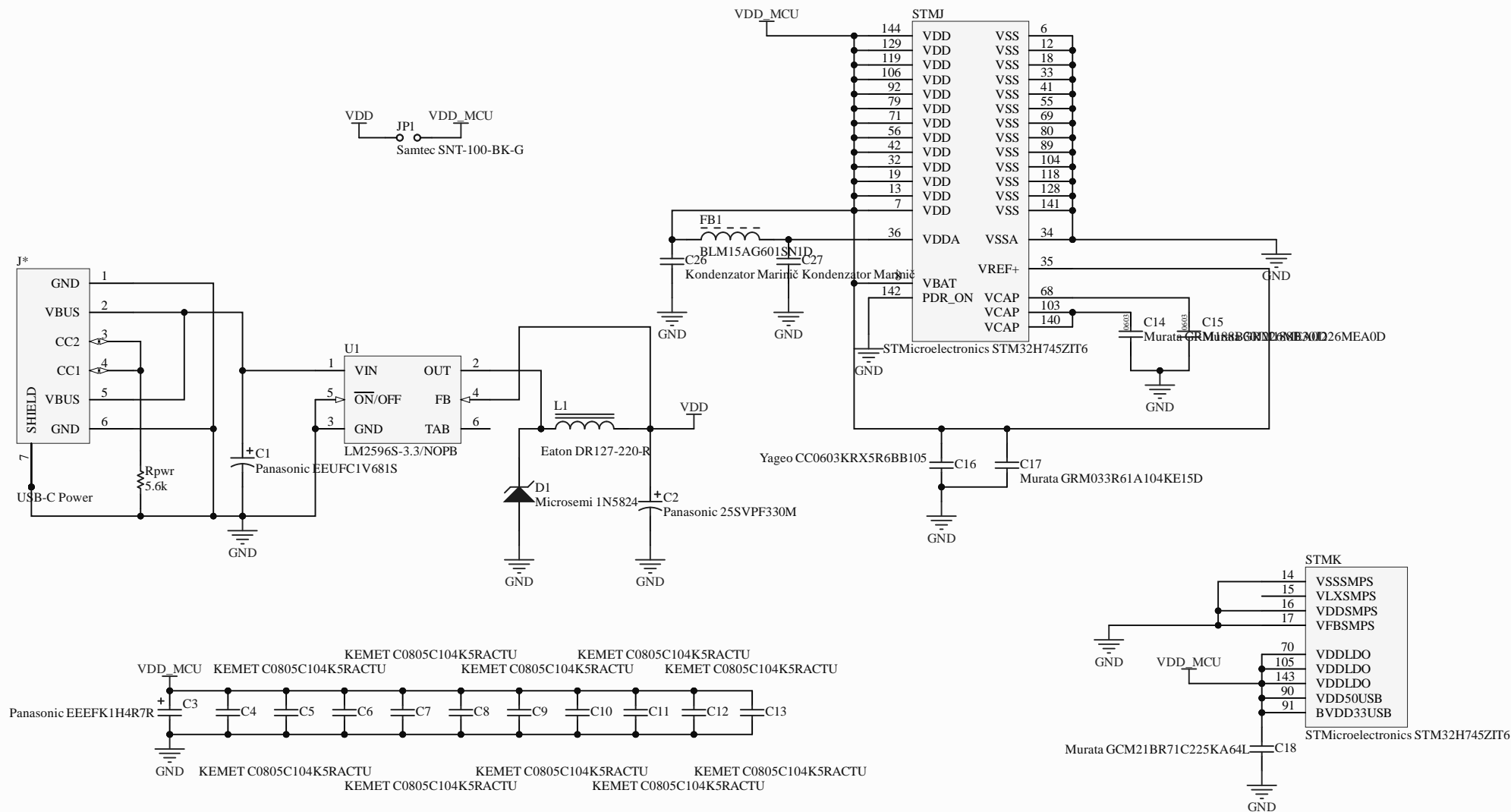
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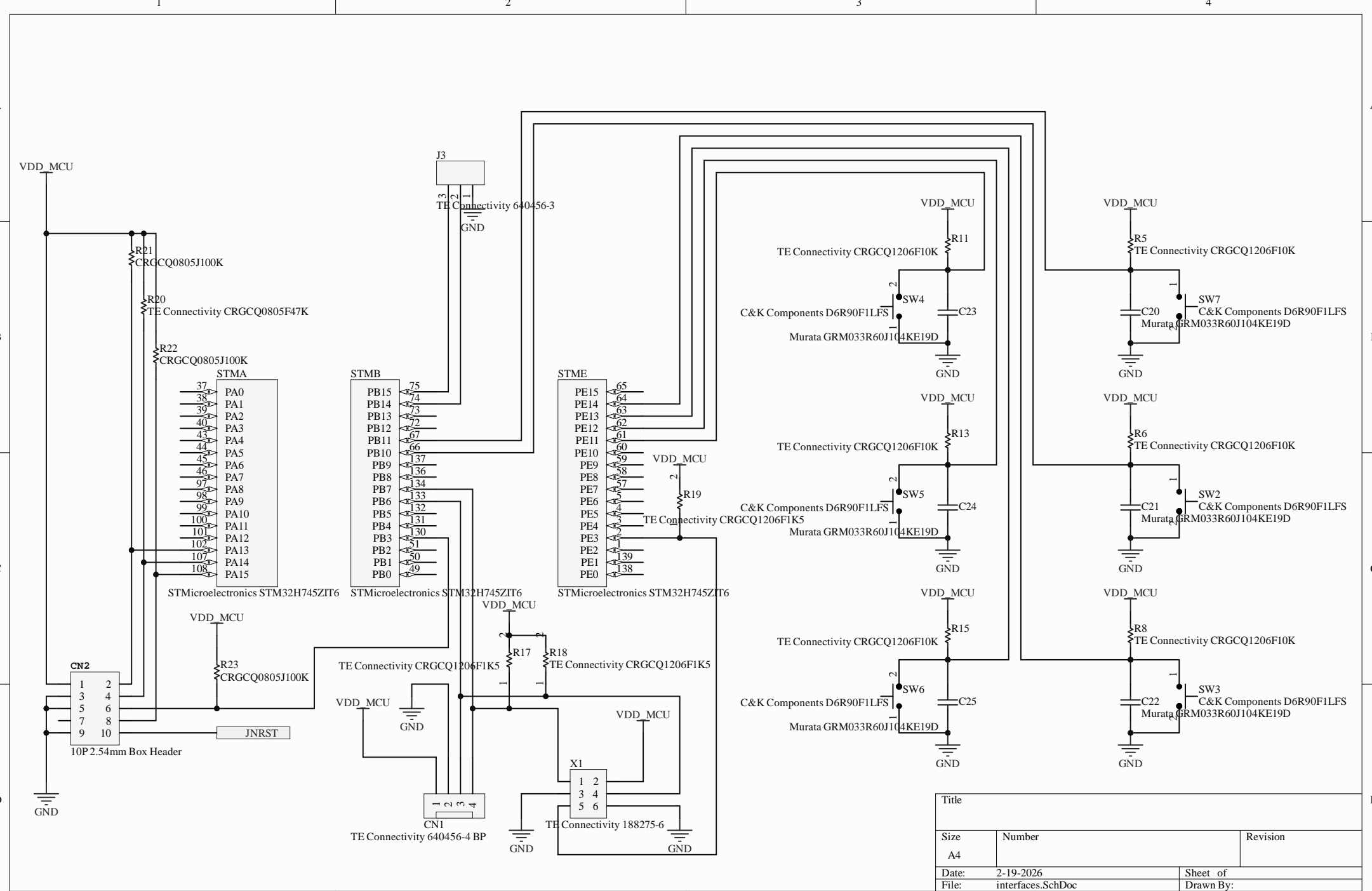
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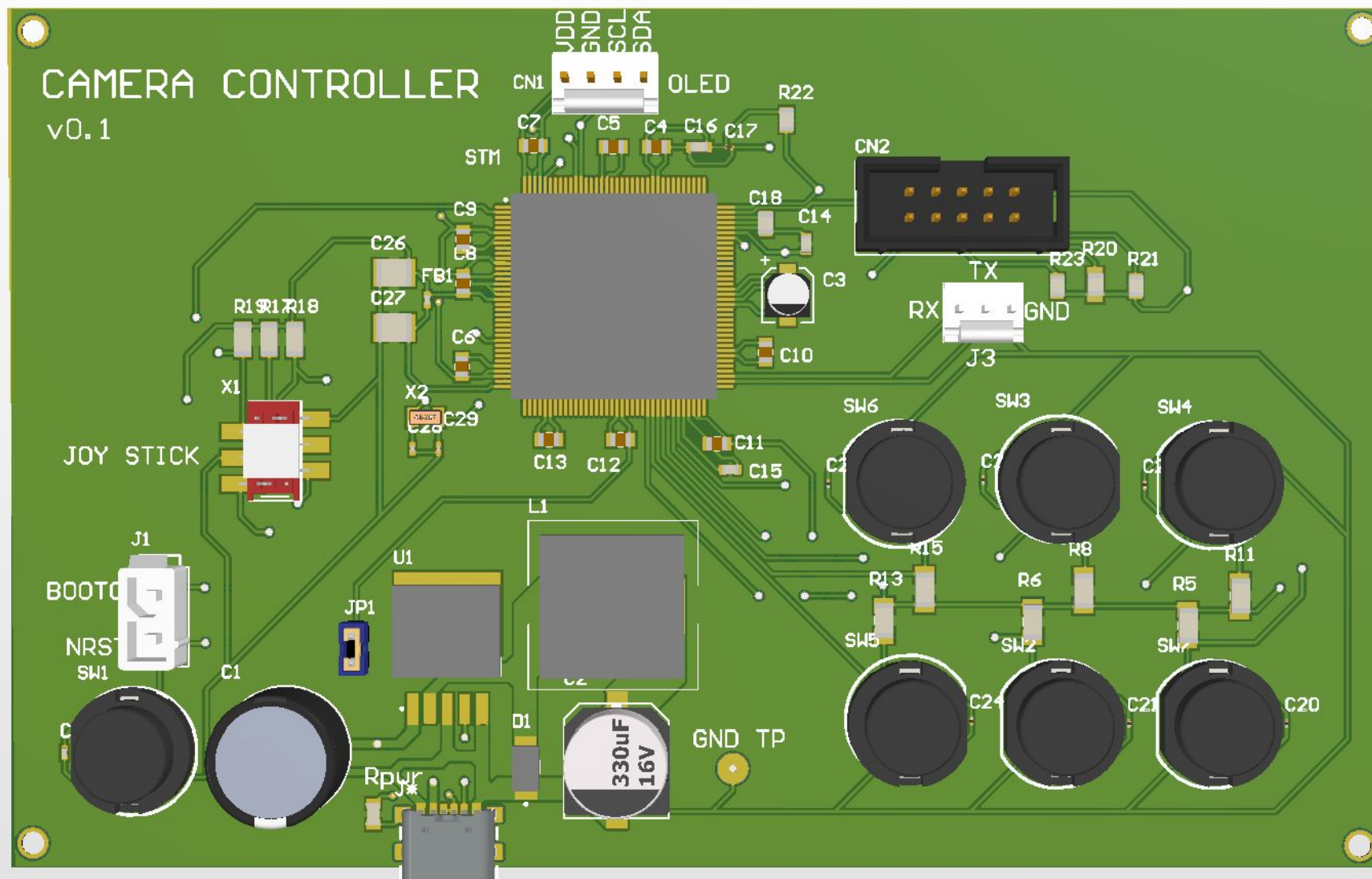
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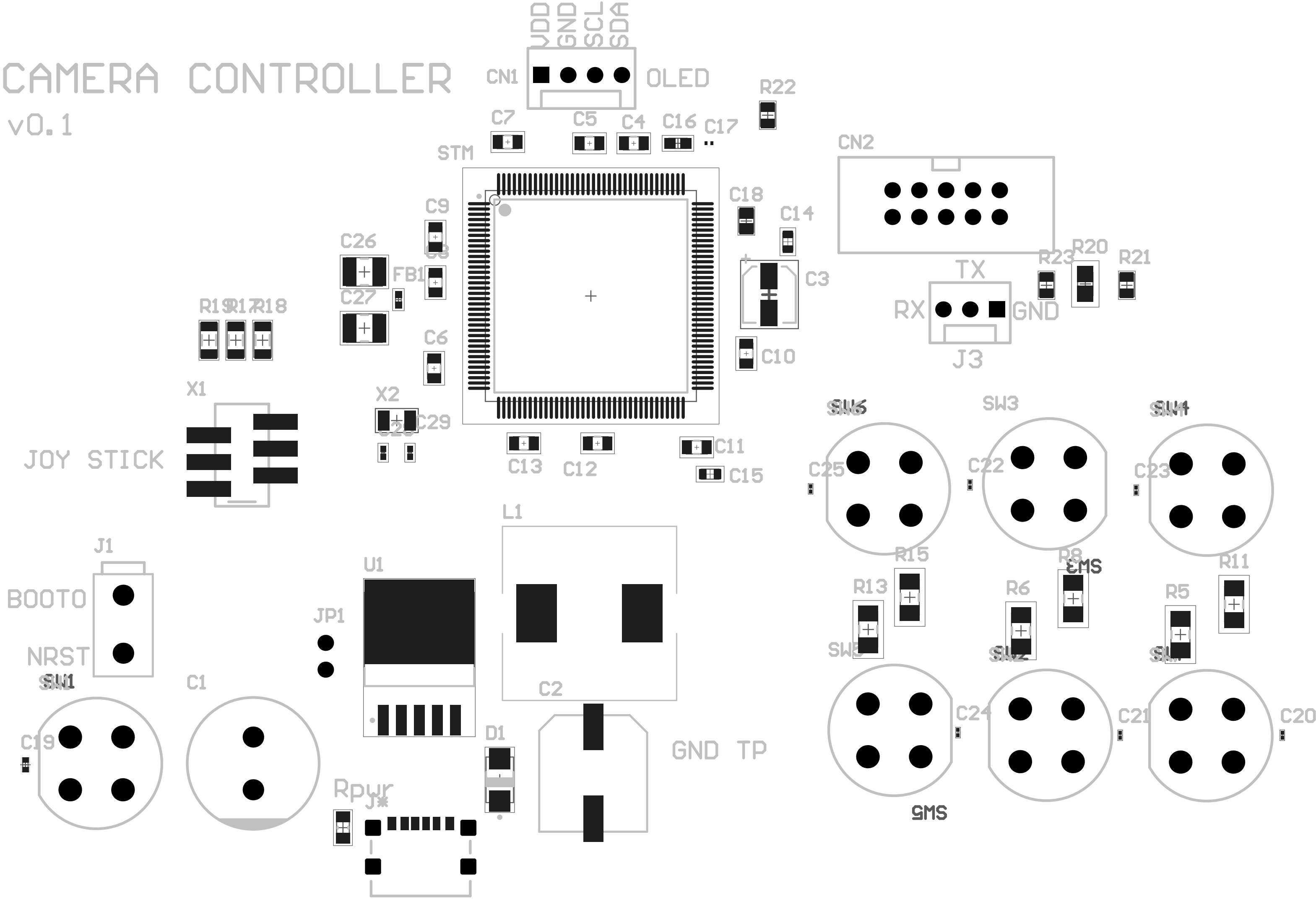
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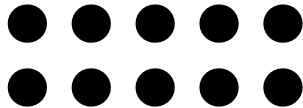
	1	2	3	4													
A	<div>Revision History</div>				A												
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Version Number	Change Description	Author	Date														
0.1v	Initial Release	Daniel V Mathew	18/02/2026														
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D				<table><tr><td colspan="3">Title</td></tr><tr><td>Size A4</td><td>Number</td><td>Revision</td></tr><tr><td>Date:</td><td>2-19-2026</td><td>Sheet of</td></tr><tr><td>File:</td><td>revision_history.SchDoc</td><td>Drawn By:</td></tr></table>	Title			Size A4	Number	Revision	Date:	2-19-2026	Sheet of	File:	revision_history.SchDoc	Drawn By:	D
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CAMERA CONTROLLER

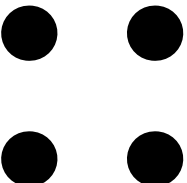
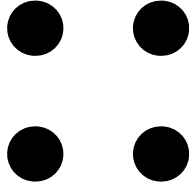
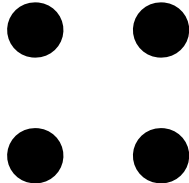
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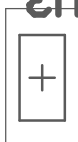
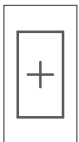


SW6

SW4

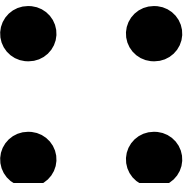
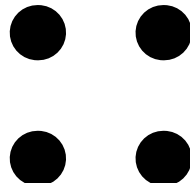
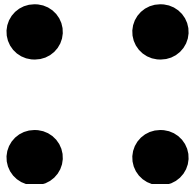


EMS



SW2

SW7



EMS

SW1

