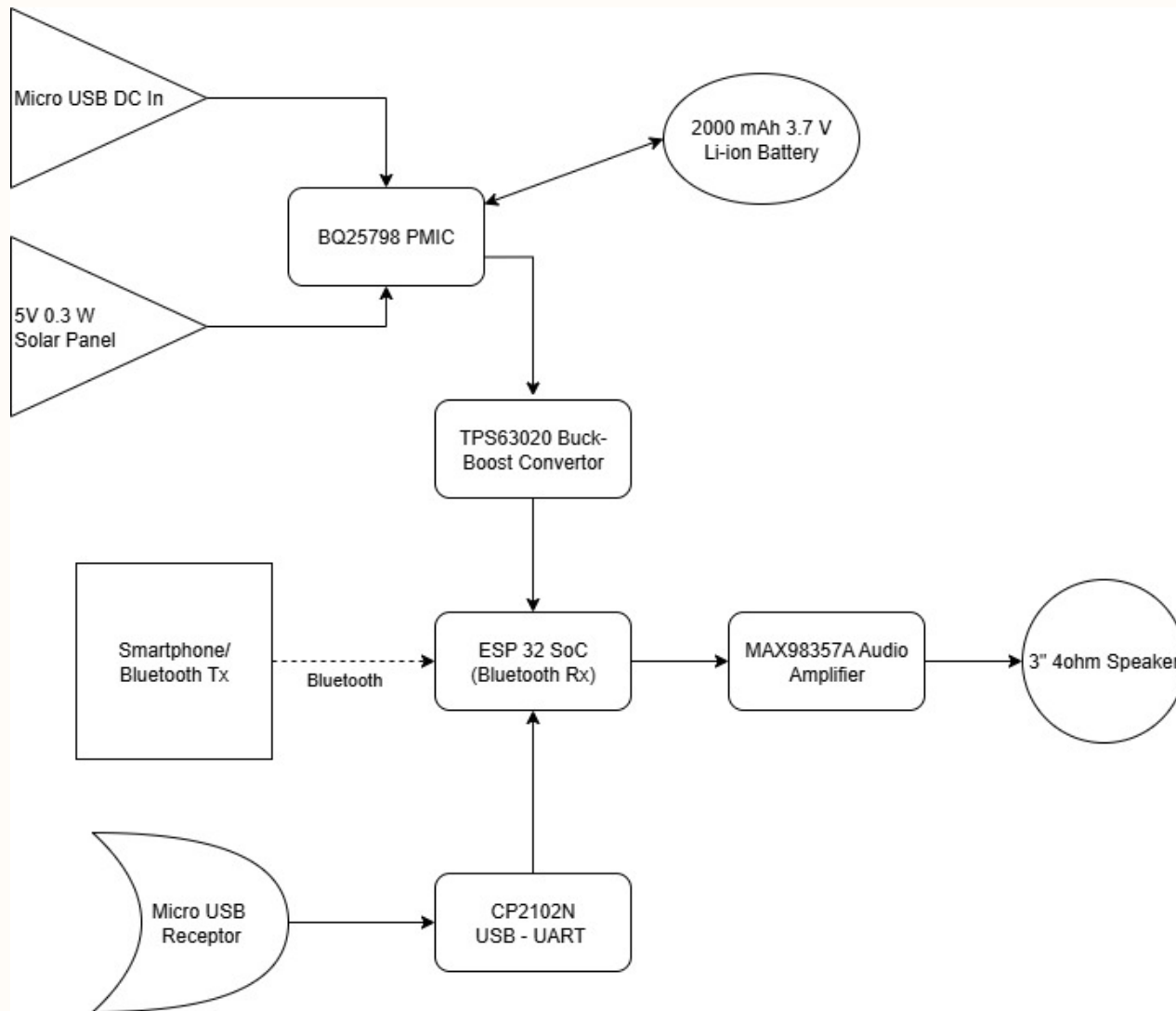
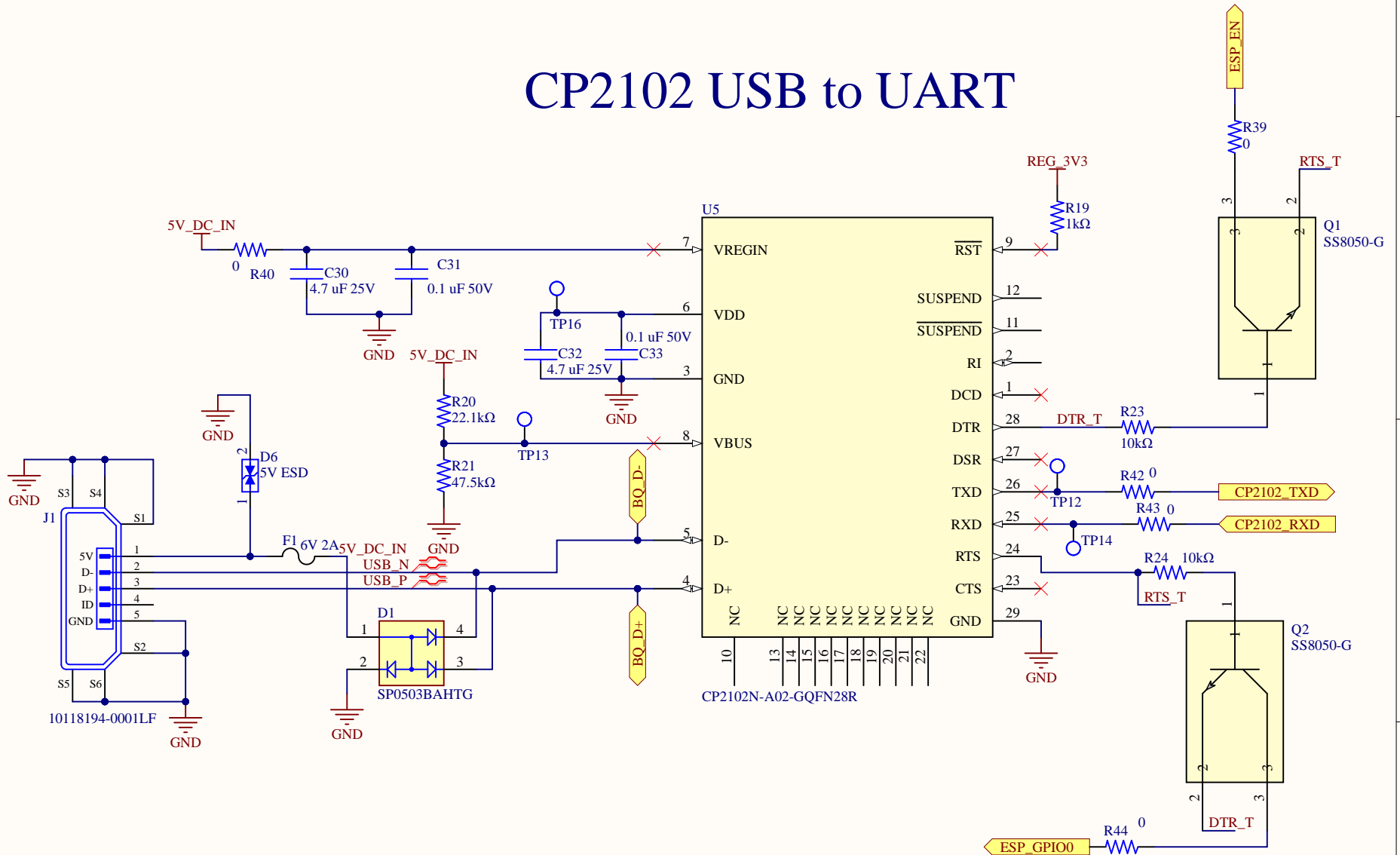


Overall Project Block Diagram



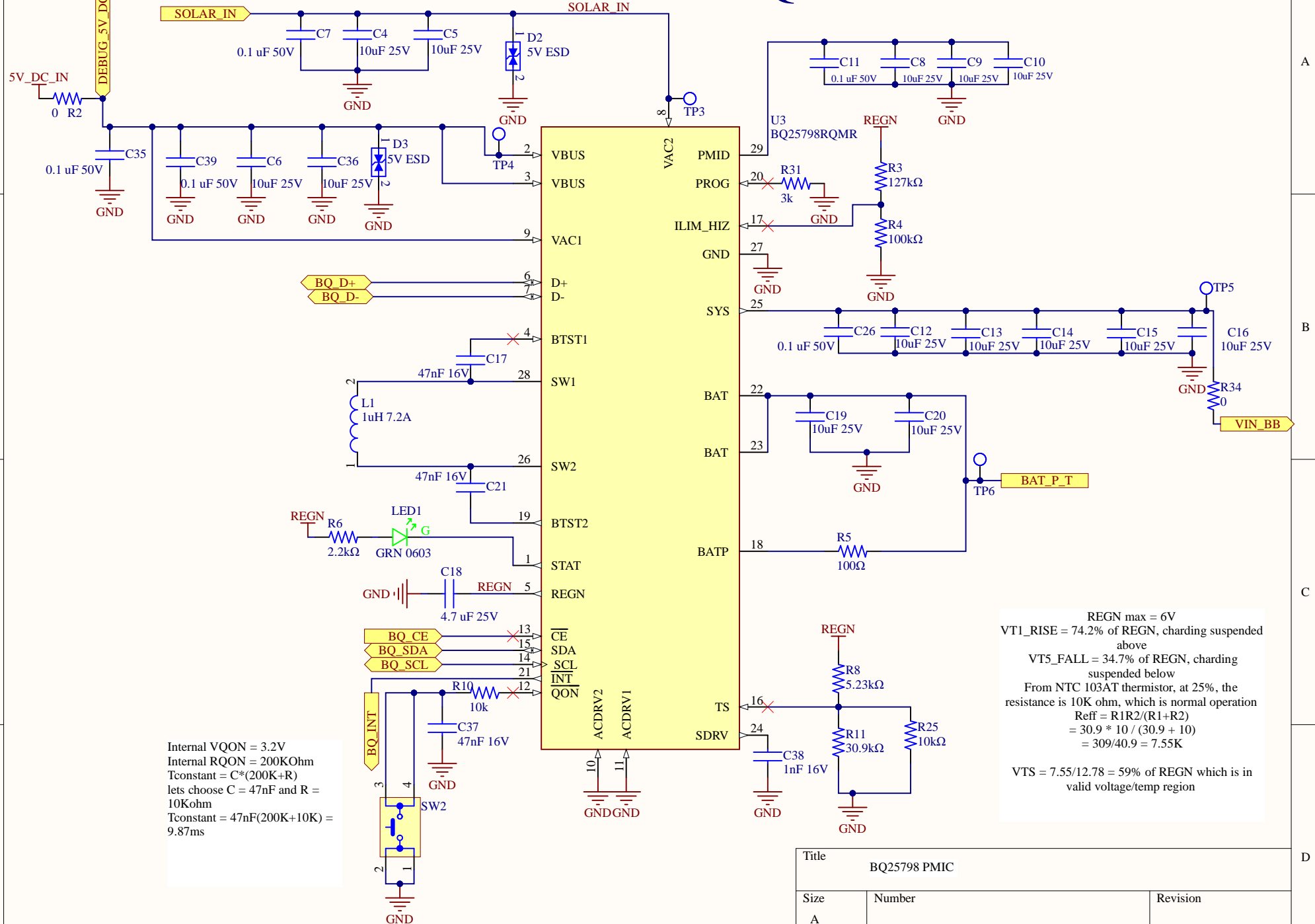
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File:	C:\Users\...\Block_diagram.SchDoc	Drawn By: Abhirath Koushik

CP2102 USB to UART



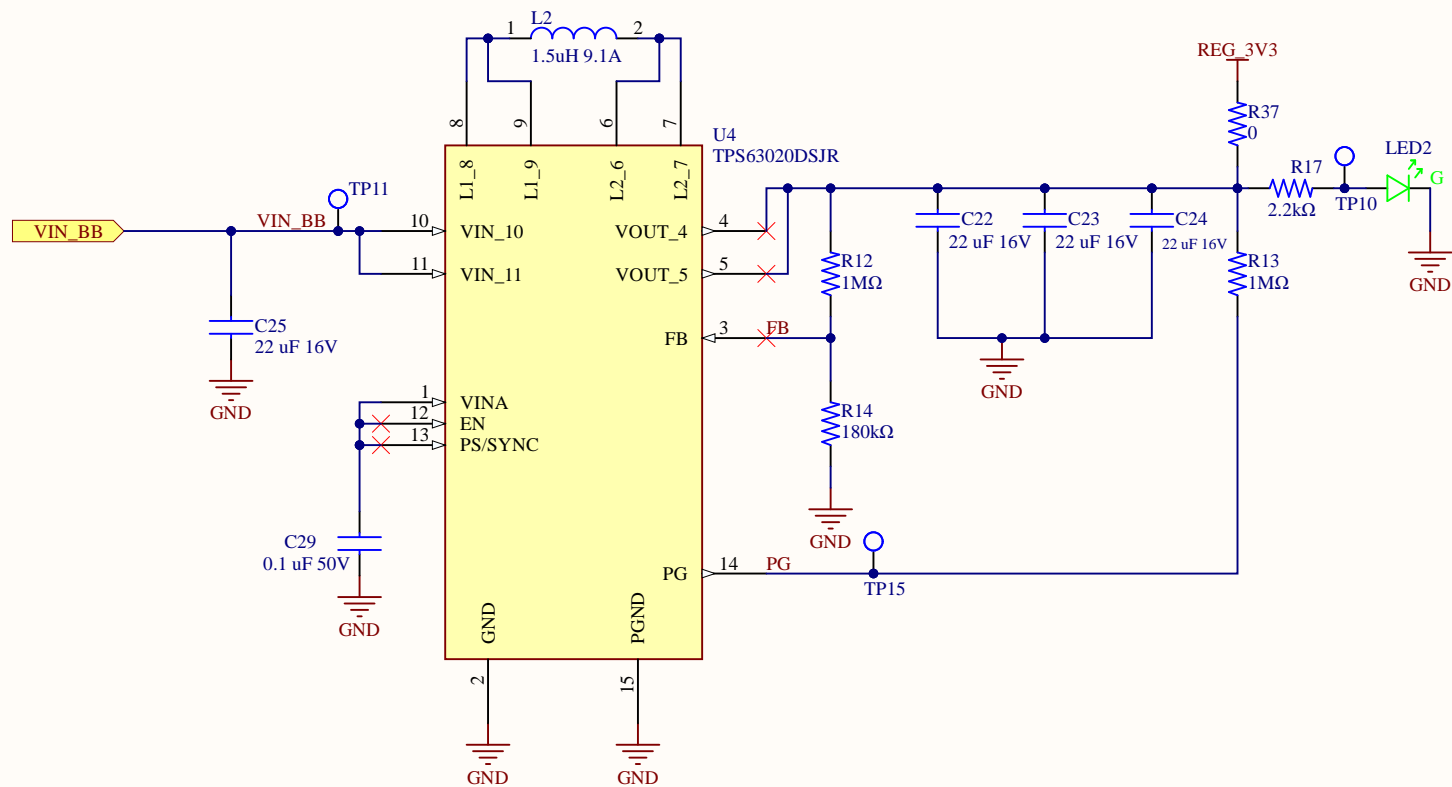
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BQ25798 PMIC



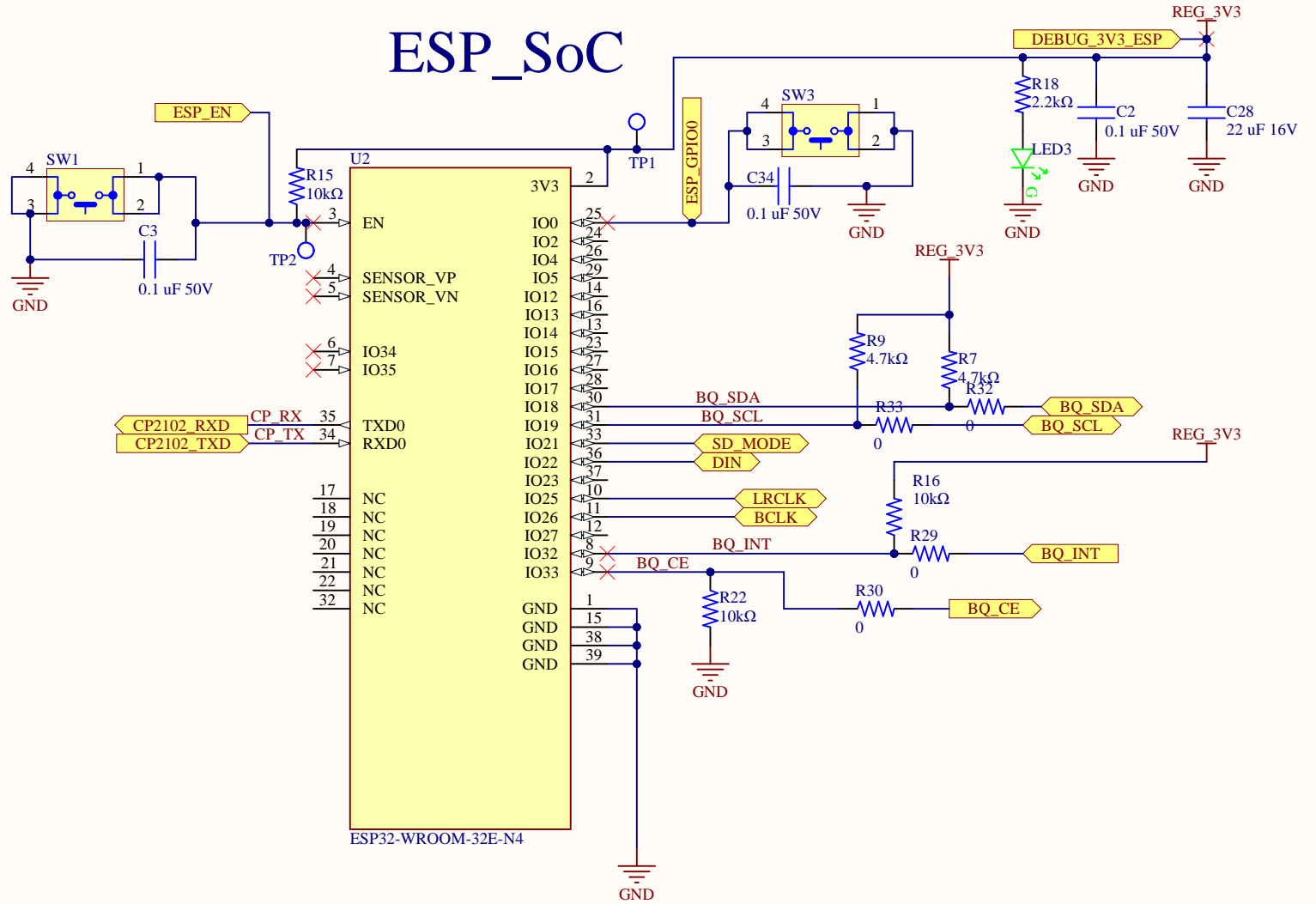
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TPS63020 Buck-Boost Convertor



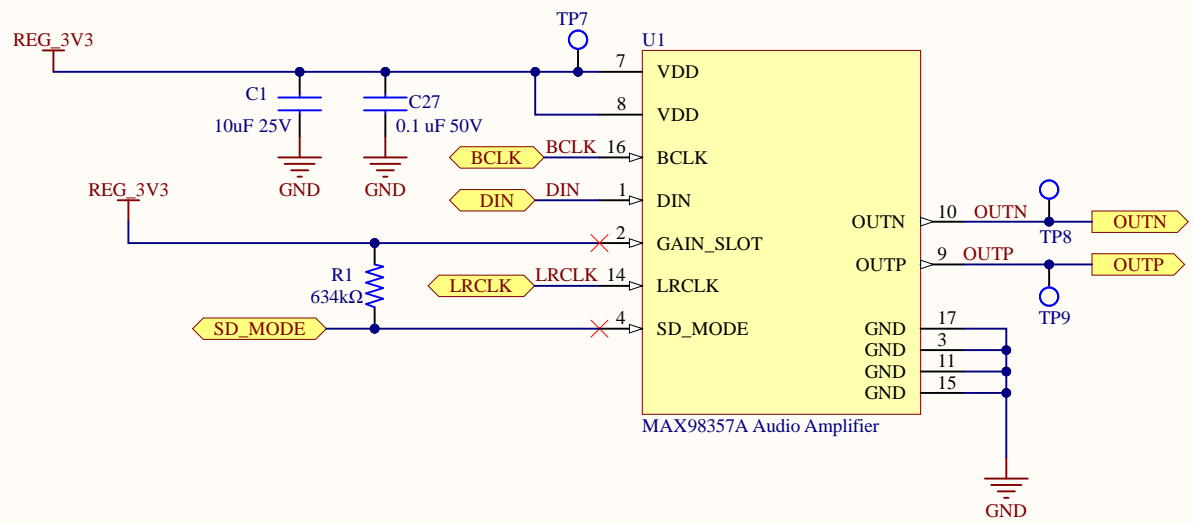
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Date:	11/04/2025	Sheet of 4/7
File:	C:\Users\...\TPS_BUCK_BOOST.SchDoc	Drawn By: Bharath Varma

ESP_SoC



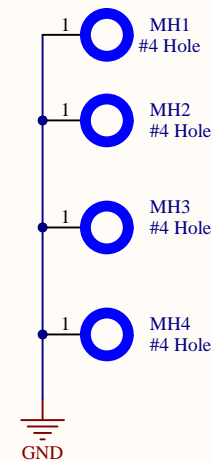
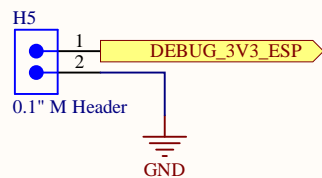
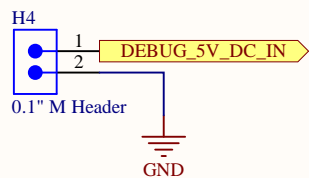
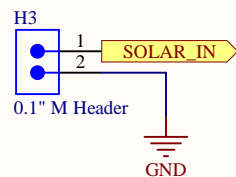
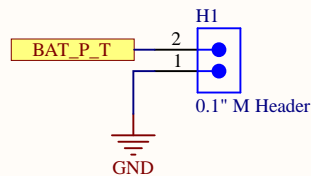
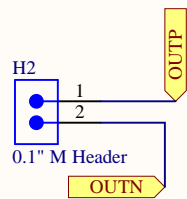
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MAX9857A Audio Amplifier

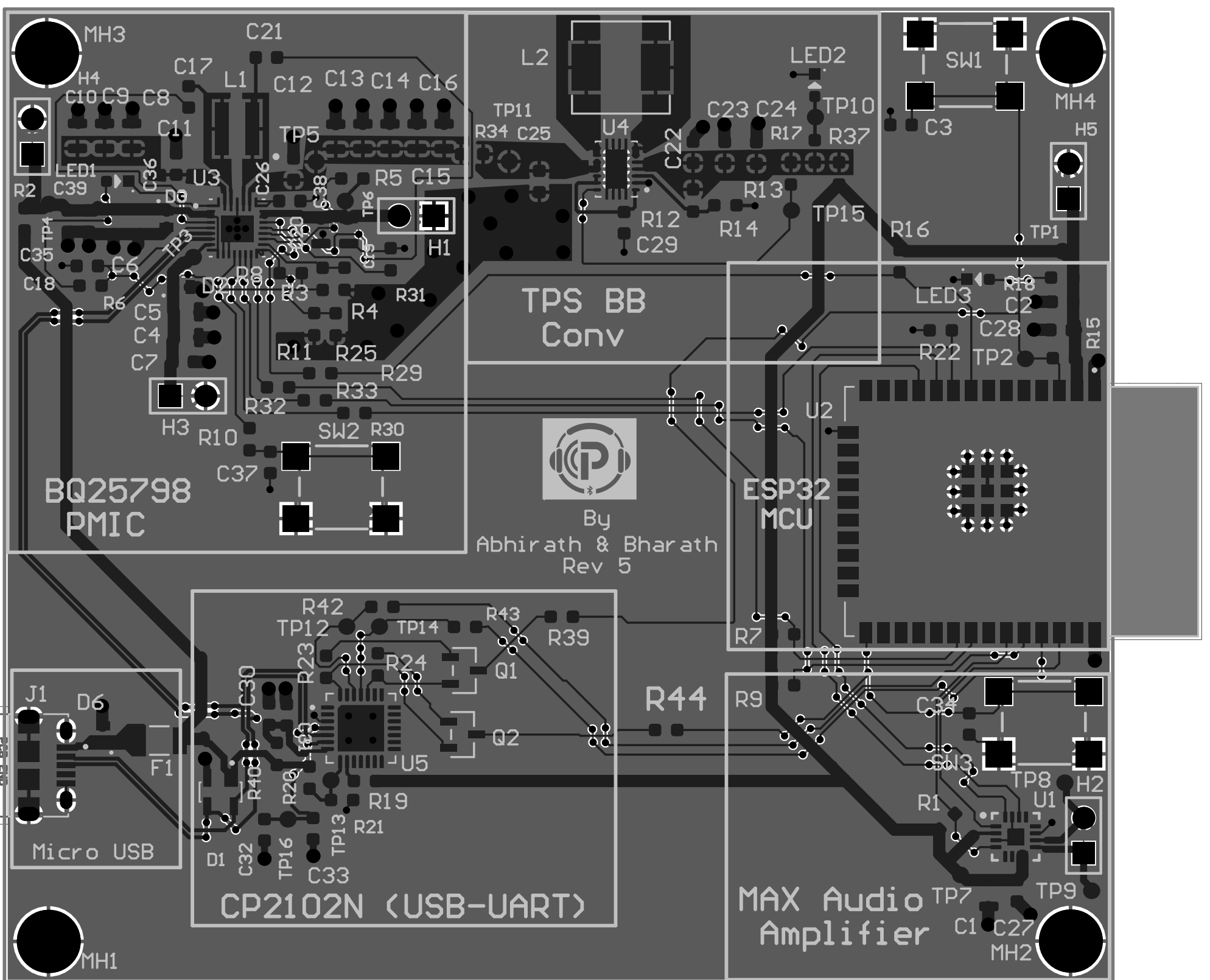


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Mechanical



Title		
Mechanical		
Size	Number	Revision
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Date:	11/04/2025	Sheet of 7/7
File:	C:\Users\...\mech_comp.SchDoc	Drawn By: Bharath Varma



Board Stack Report