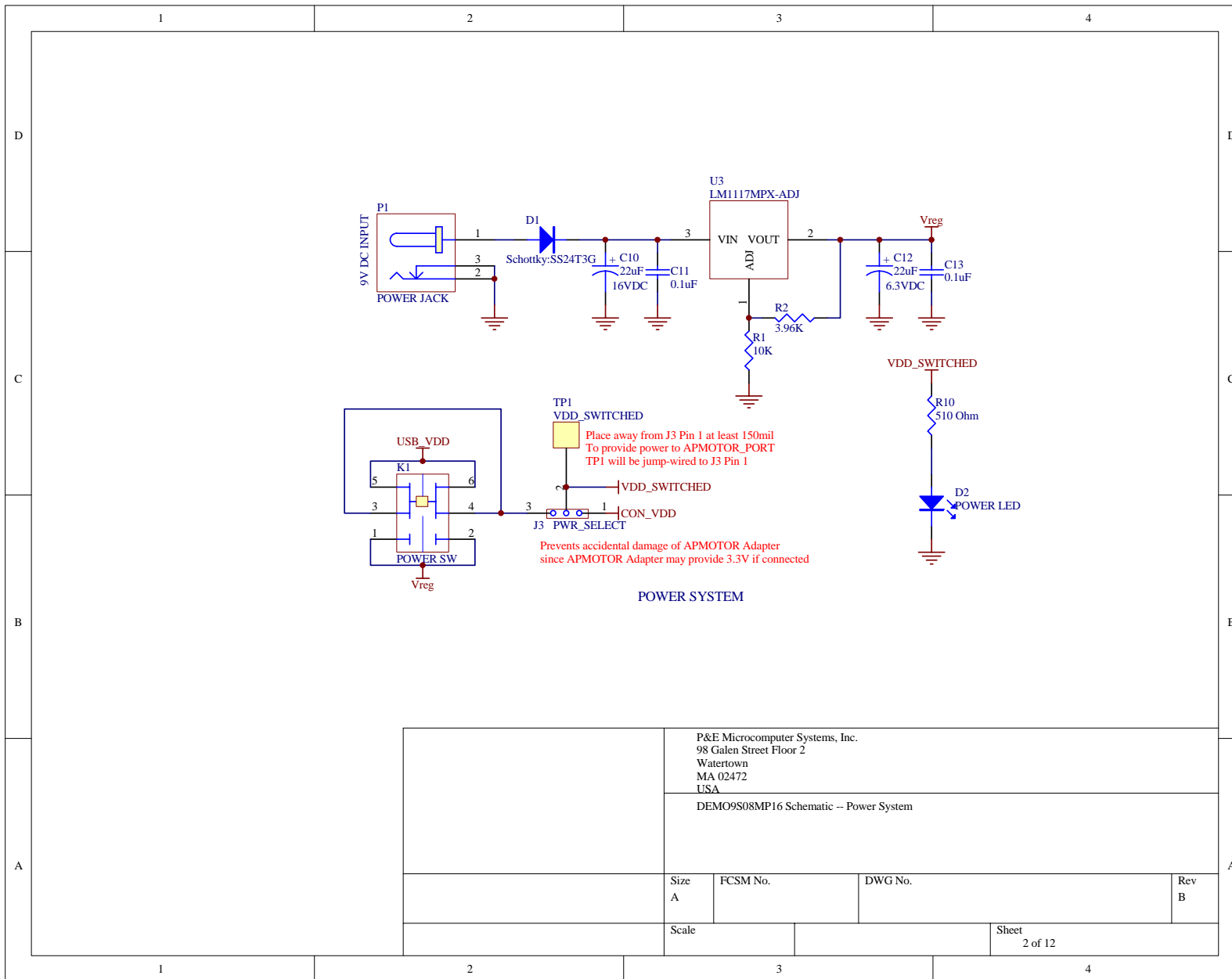


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DEMO9S08MP16 Schematic -- Main Page

Size A	FCSM No.	DWG No.	Rev B
Scale	Sheet 1 of 12		

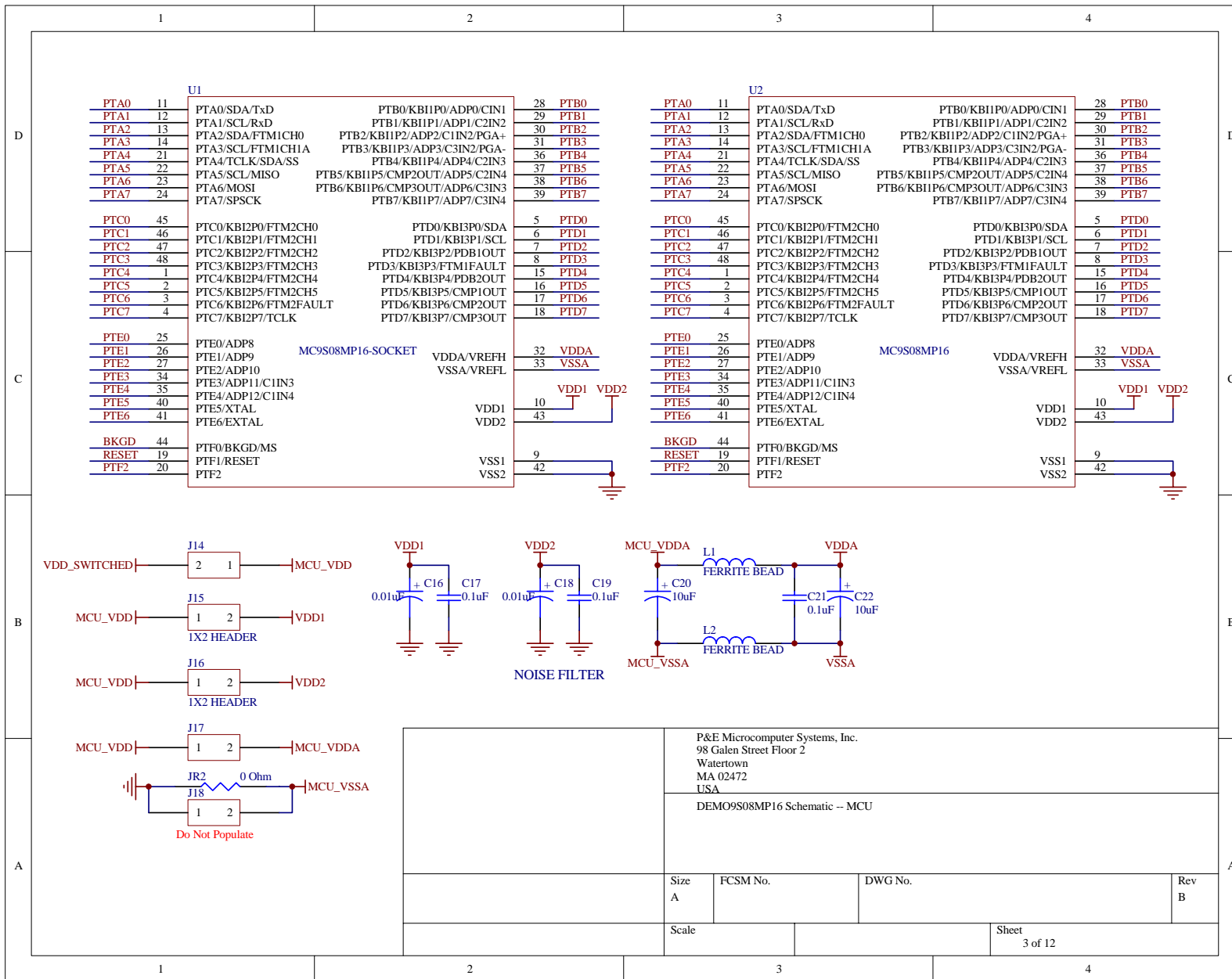


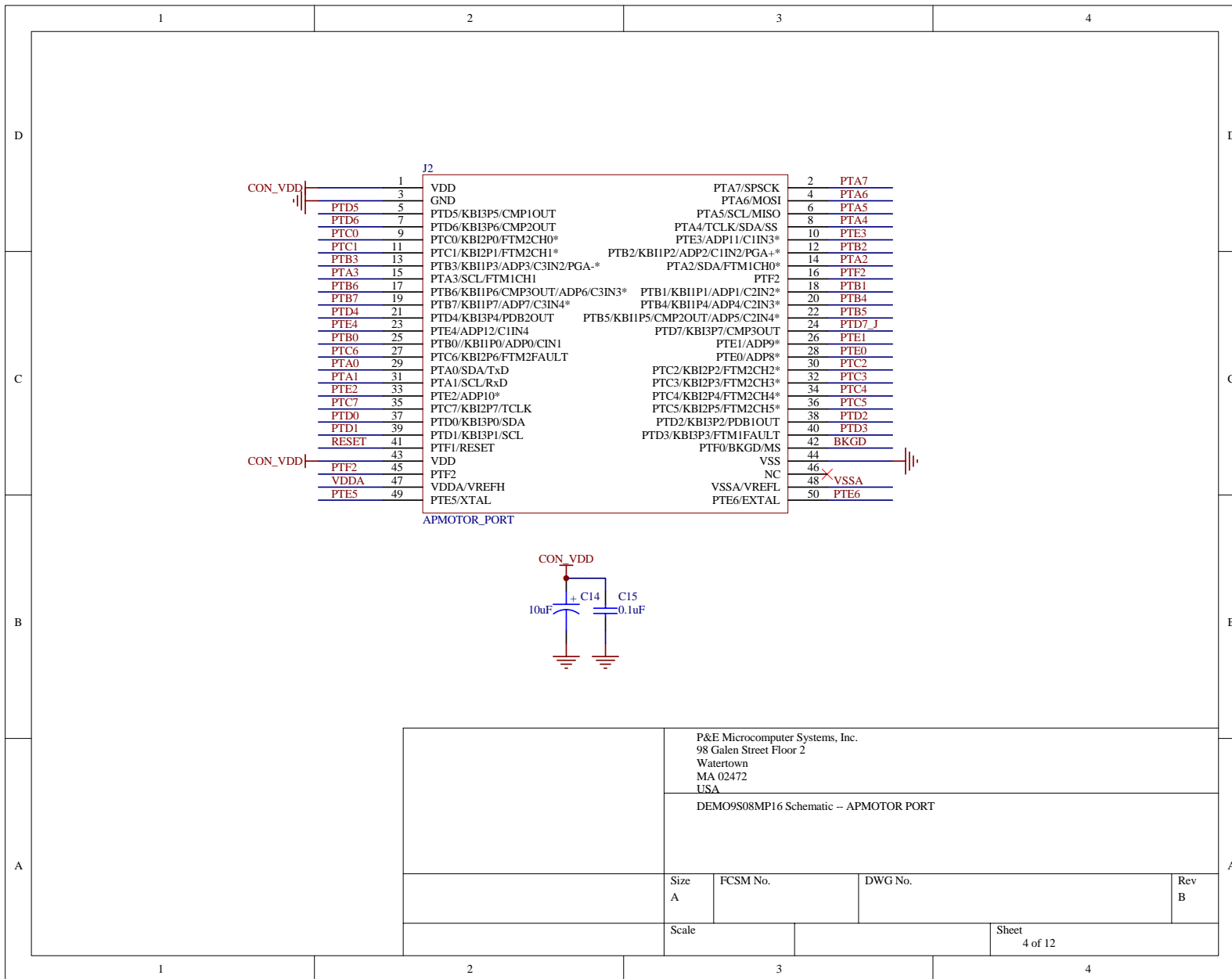
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DEMO9S08MP16 Schematic -- Power System

Size A	FCSM No.	DWG No.	Rev B
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Scale	Sheet 2 of 12
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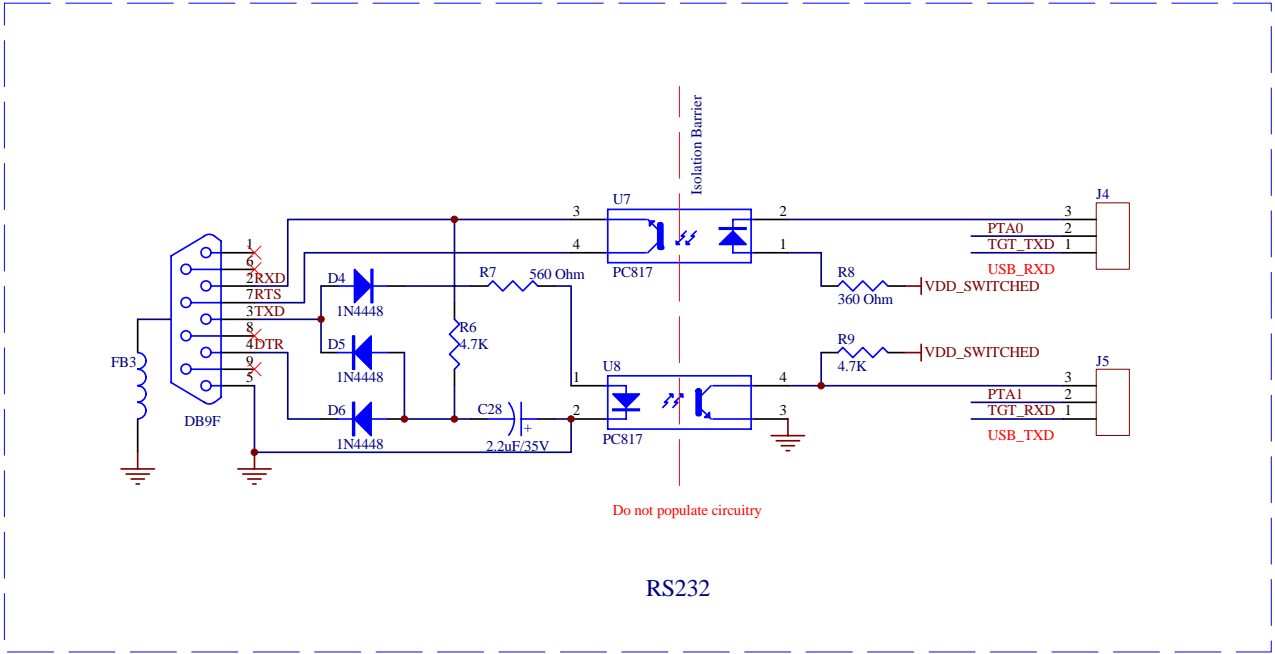


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DEMO9S08MP16 Schematic -- APMOTOR PORT

Size A	FCSM No.	DWG No.	Rev B
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Scale	Sheet 4 of 12
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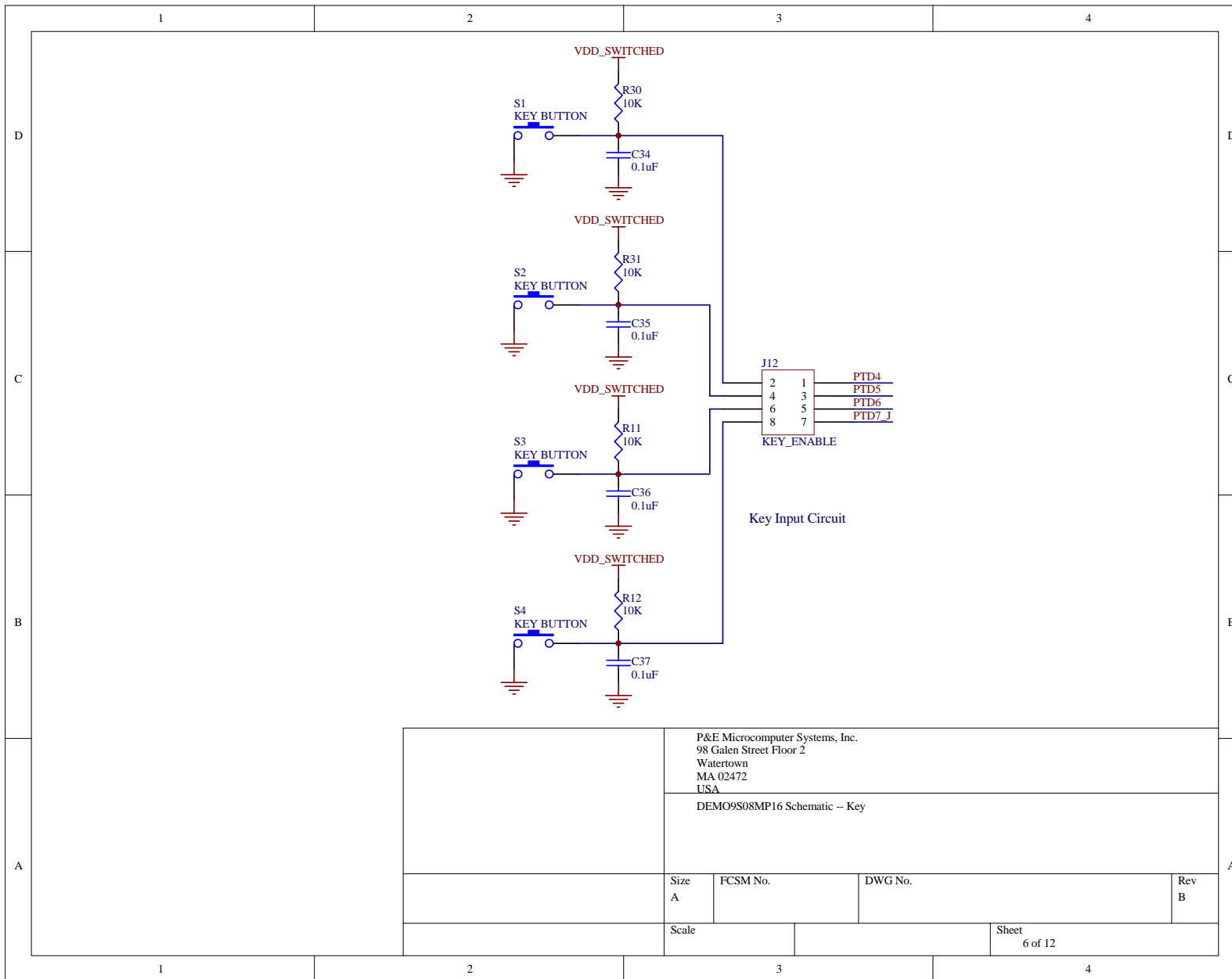
RS232

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DEMO9S08MP16 Schematic -- RS232

Size A	FCSM No.	DWG No.	Rev B
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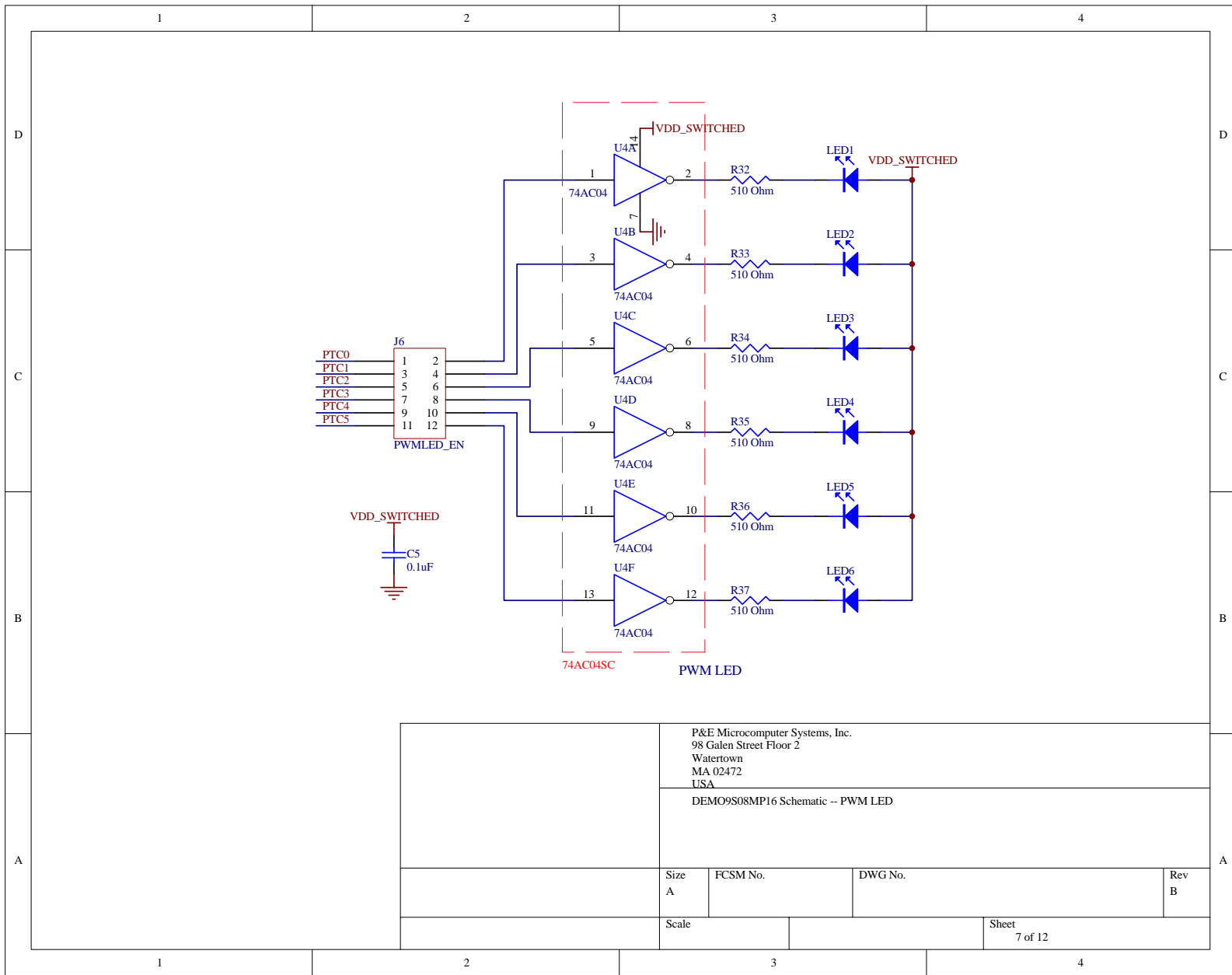
Scale	Sheet 5 of 12
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DEMO9S08MP16 Schematic -- Key

Size A	FCSM No.	DWG No.	Rev B
Scale	Sheet 6 of 12		

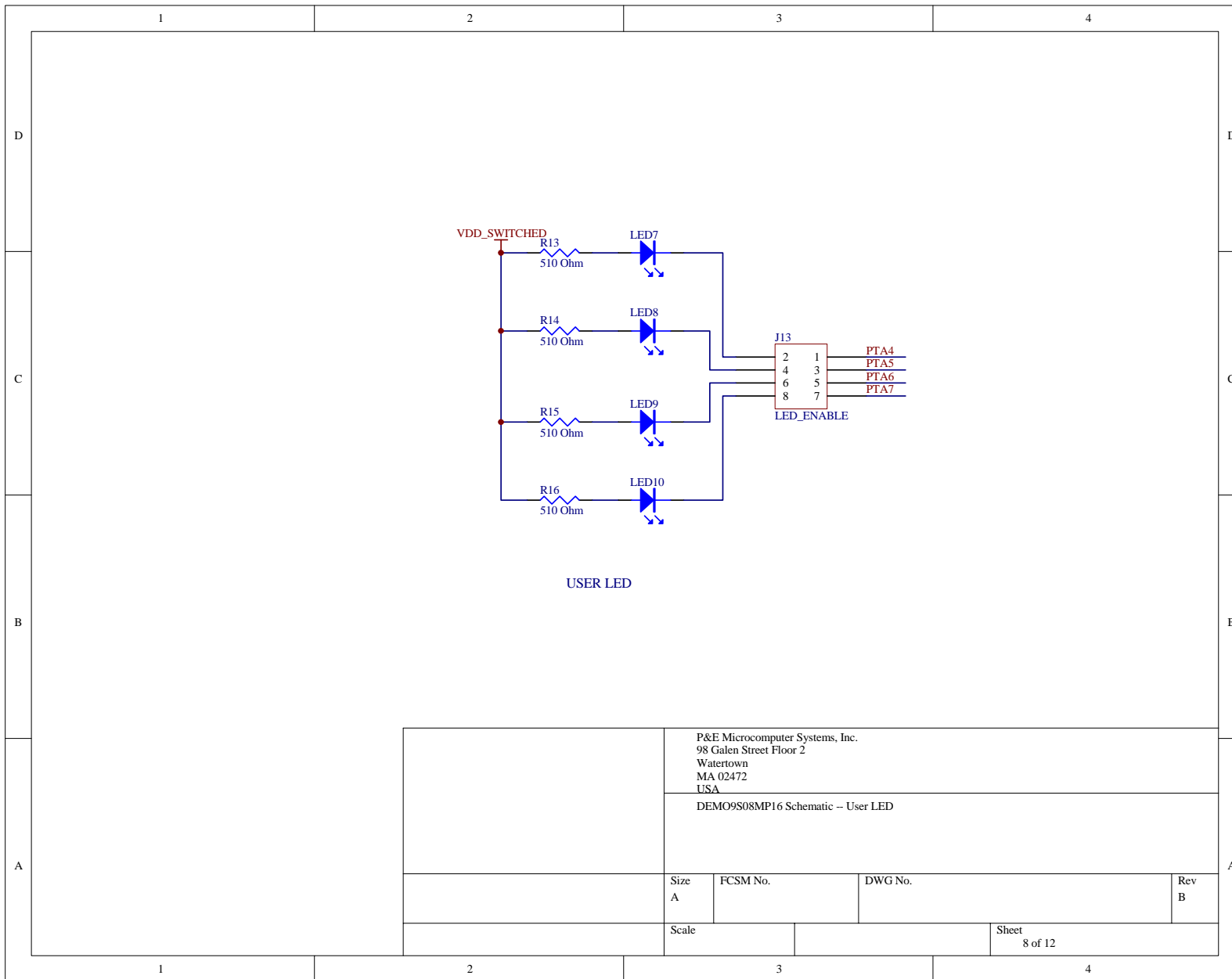


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DEMO9S08MP16 Schematic -- PWM LED

Size A	FCSM No.	DWG No.	Rev B
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Scale	Sheet 7 of 12
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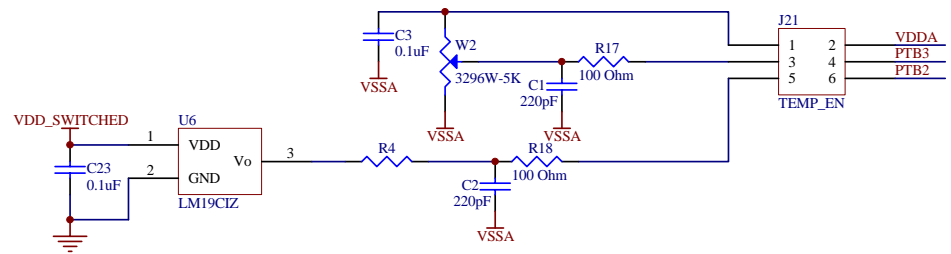


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DEMO9S08MP16 Schematic -- User LED

Size A	FCSM No.	DWG No.	Rev B
Scale	Sheet 8 of 12		





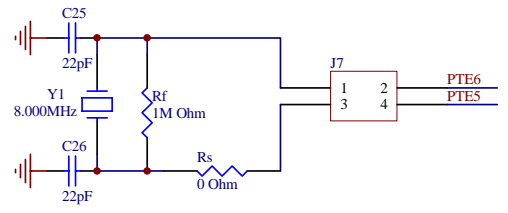
$$T = -1481.96 + \sqrt{2.1962 \cdot 10^6 + (1.8639 - V_o) / (3.88 \cdot 10^{-6})}$$

Temperature Sensor Circuit

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DEMO9S08MP16 Schematic -- Temperature Sensor

Size A	FCSM No.	DWG No.	Rev B
Scale	Sheet 9 of 12		

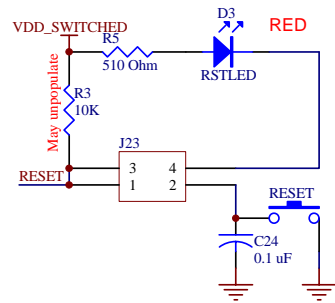


EXTERNAL CRYSTAL  
Do not populate

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DEMO9S08MP16 Schematic -- External Crystal

Size A	FCSM No.	DWG No.	Rev B
Scale	Sheet 10 of 12		

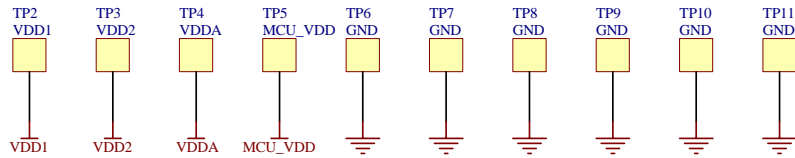
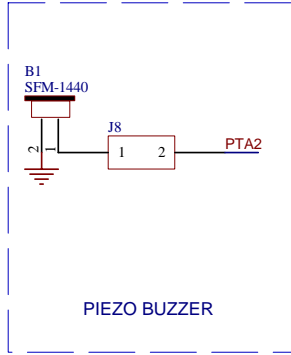
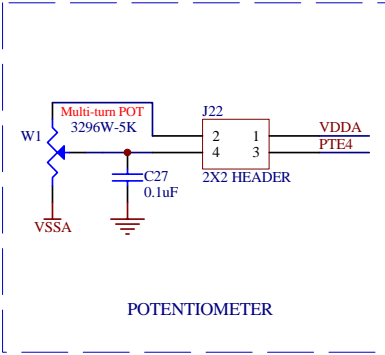
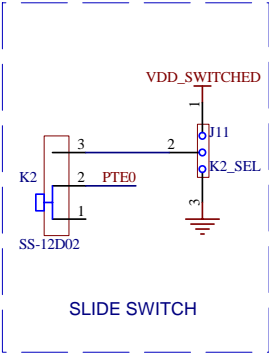
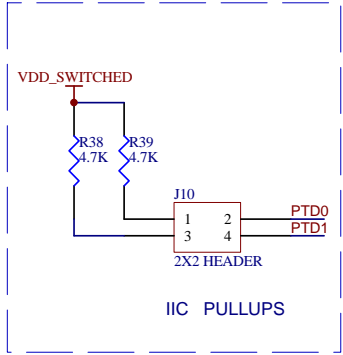


RESET CIRCUIT

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DEMO9S08MP16 Schematic -- Reset

Size A	FCSM No.	DWG No.	Rev B
Scale	Sheet 11 of 12		



TEST POINTS

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DEMO9S08MP16 Schematic -- Misc

Size A	FCSM No.	DWG No.	Rev B
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Scale	Sheet 12 of 12
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