

Description	Designator	Manufacturer	Part Number	Manufacturer Part Number	Quantity	Value
CAP 1uF 25V ±10% 0603 (1608 Metric) Thickness 1mm SMD	C1				1	1uF
CAP 470nF 35V ±10% 0603 (1608 Metric) Thickness 1mm SMD	C2				1	470nF
Capacitor CAP 15nF 10V ±5% 0603 (1608 Metric) Thickness 1mm SMD	C3	Panasonic		EEVFK1E222M	1	2200uF
CAP 1nF 50V ±2% 0603 (1608 Metric) Thickness 1mm SMD	C4				1	15nF
CAP 2.2nF 25V ±5% 0603 (1608 Metric) Thickness 1mm SMD	C5				1	1nF
CAP 220pF 100V ±10% 0603 (1608 Metric) Thickness 1mm SMD	C6				1	2.2nF
CAP 220pF 100V ±10% 0603 (1608 Metric) Thickness 1mm SMD	C7				1	220pF
CAP 220nF 16V ±10% 0603 (1608 Metric) Thickness 1mm SMD	C8, C15, C18, C19, C20, C21, C22, C23, C24				9	220nF
CAP 1uF 100V ±20% 1210 (3225 Metric) Thickness 2.8mm SMD	C9, C10				2	1uF
CAP 10nF 25V ±5% 0603 (1608 Metric) Thickness 1mm SMD	C11				1	10nF
Capacitor CAP 27nF 25V ±5% 0603 (1608 Metric) Thickness 1mm SMD	C12	Panasonic		EEEFK1E221P	1	220uF
CAP 1uF 16V ±5% 0805 (2012 Metric) Thickness 1.45mm SMD	C13				1	27nF
CAP 22uF 16V ±20% 0805 (2012 Metric) Thickness 1.45mm SMD	C14				1	1uF
CAP 22uF 16V ±20% 0805 (2012 Metric) Thickness 1.45mm SMD	C16, C17				2	22uF
Capacitor Surface Mount Glass Passivated Rectifier, 400 VDC, 1 A, -55 to 150 degC, 2-Pin SMD, RoHS, Tape and Reel	C25, C26, C27	Panasonic		EEVFK2A331M	3	330uF
Diode D01, D02, D03, D04	D01, D02, D03, D04	Vishay Semiconductor			1	
LED, SMT, 0603(1608), 1.1mm thickness, Green LED, SMT, 0603(1608), 1.1mm thickness, Orange	D05, D06	Kingbright			4	
Fuse F01	D05	Kingbright			1	
HeatSink HSNK1	F01	Thermo Electric Devices			1	TDEX6015/1TH
Shielded Power Inductor, 15 uH, +/- 20%, 3.8 A, -40 to 125 degC, 2-Pin SMD, RoHS, Tape and Reel	L1	Coilcraft	SER2918H-153KL		1	15uH
SMD Shielded Power Inductor WE-PD, L = 10.0 uH	L2	Coilcraft			1	
LightPipe LightPipe1, LightPipe2, LightPipe3	L3				1	
LightPipe Mini-Fit Right-Angle Header, 2 Circuits, Tin (Sn) Plating, UL 94 V-0, Tray	LightPipe1, LightPipe2, LightPipe3	Dualight			3	515-1094F
Header 5-Pin Mini-Fit Jr. Header, 4 Circuits, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6 94V-0, 2.54µm Matte Tin (Sn) Plating	P1, P3	Molex			1	76825-20002
Header 5-Pin Mini-Fit Jr. Header, 4 Circuits, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6 94V-0, 2.54µm Matte Tin (Sn) Plating	P2				1	
Header 5-Pin Mini-Fit Jr. Header, 4 Circuits, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6 94V-0, 2.54µm Matte Tin (Sn) Plating	P4	Molex			1	39-30-10040
Header 5-Pin Mini-Fit Jr. Header, 4 Circuits, Dual Row, Right Angle, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6 94V-0, 2.54µm Matte Tin (Sn) Plating	P5	Molex			1	39-30-10020
Header 2-Pin	P6				1	
100V NFEET N-ch MOSFET	Q1	Texas Instruments		CSD19534 Q5A	1	CSD19534 Q5A
100V POWERBENCH N-ch MOSFET	Q3	ON Semiconductor		FDWS8606 8-F085	1	FDWS8606 8-F085

1

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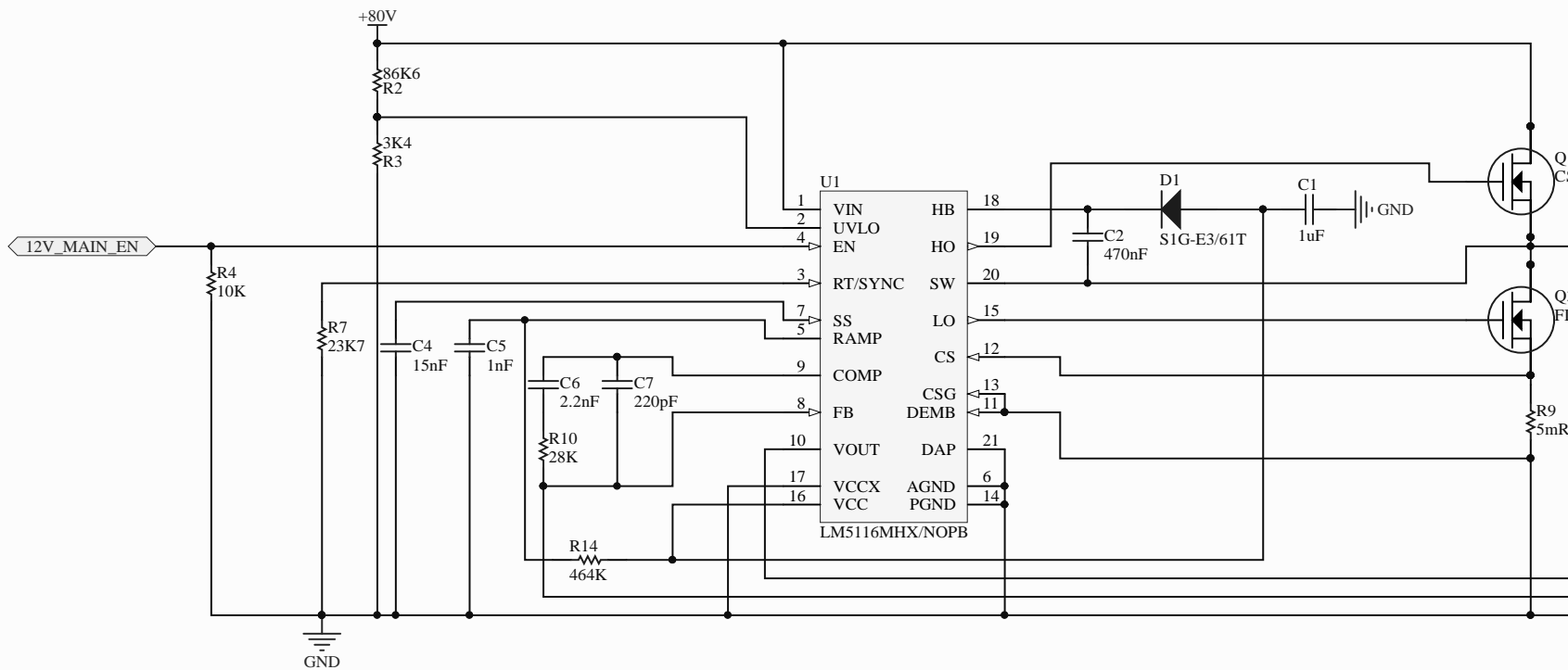
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A

B



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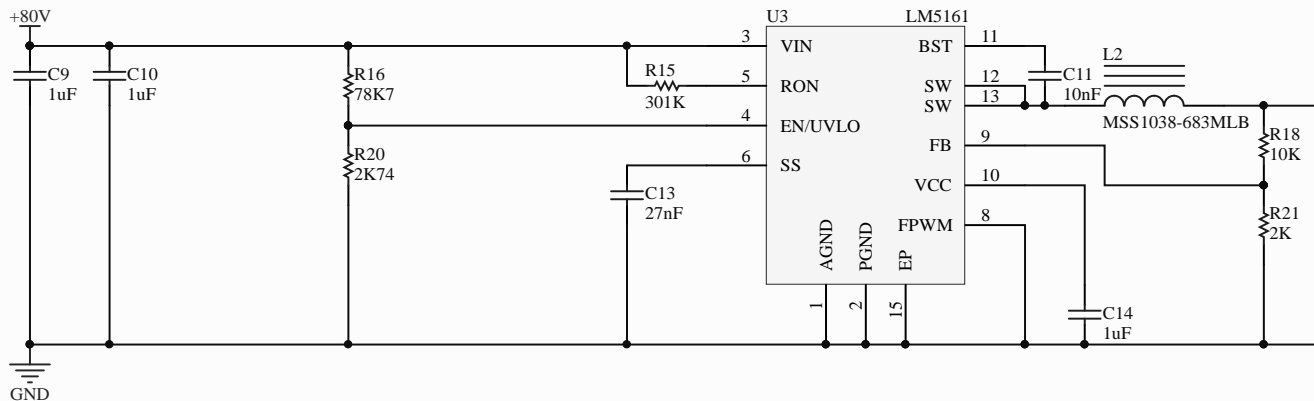
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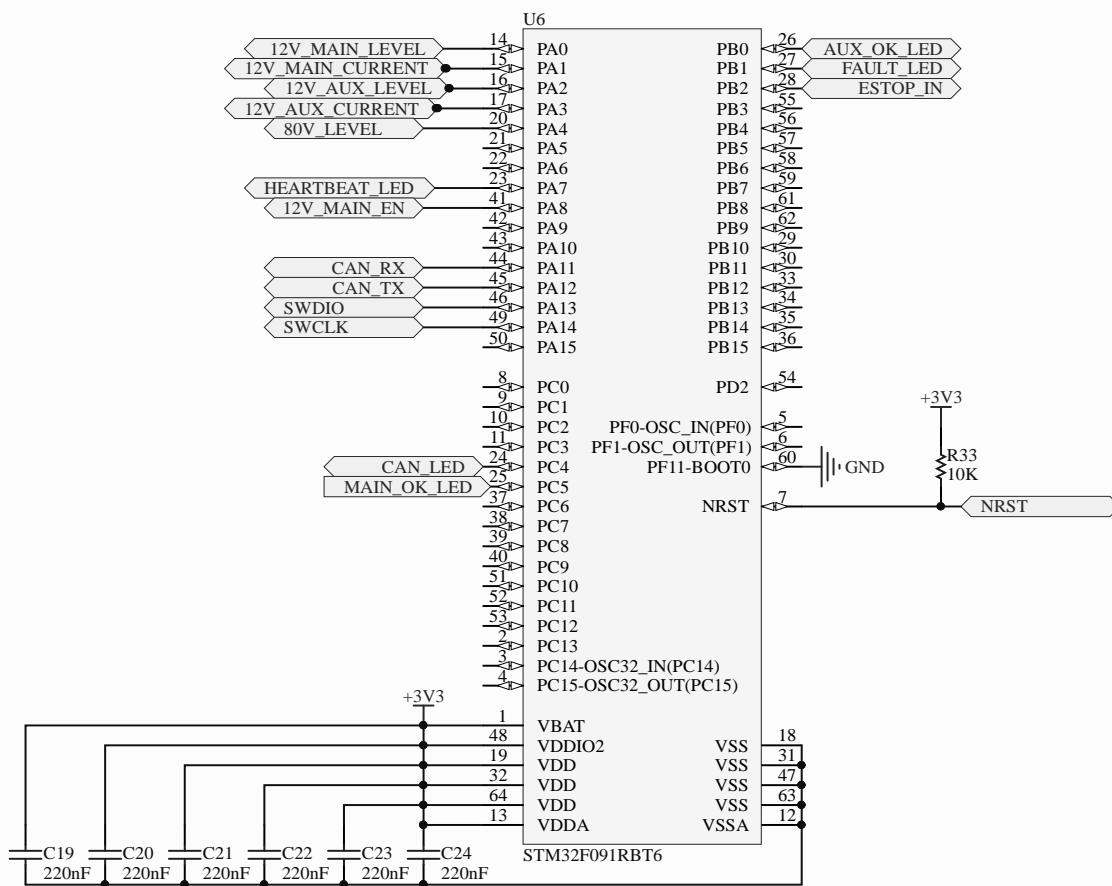
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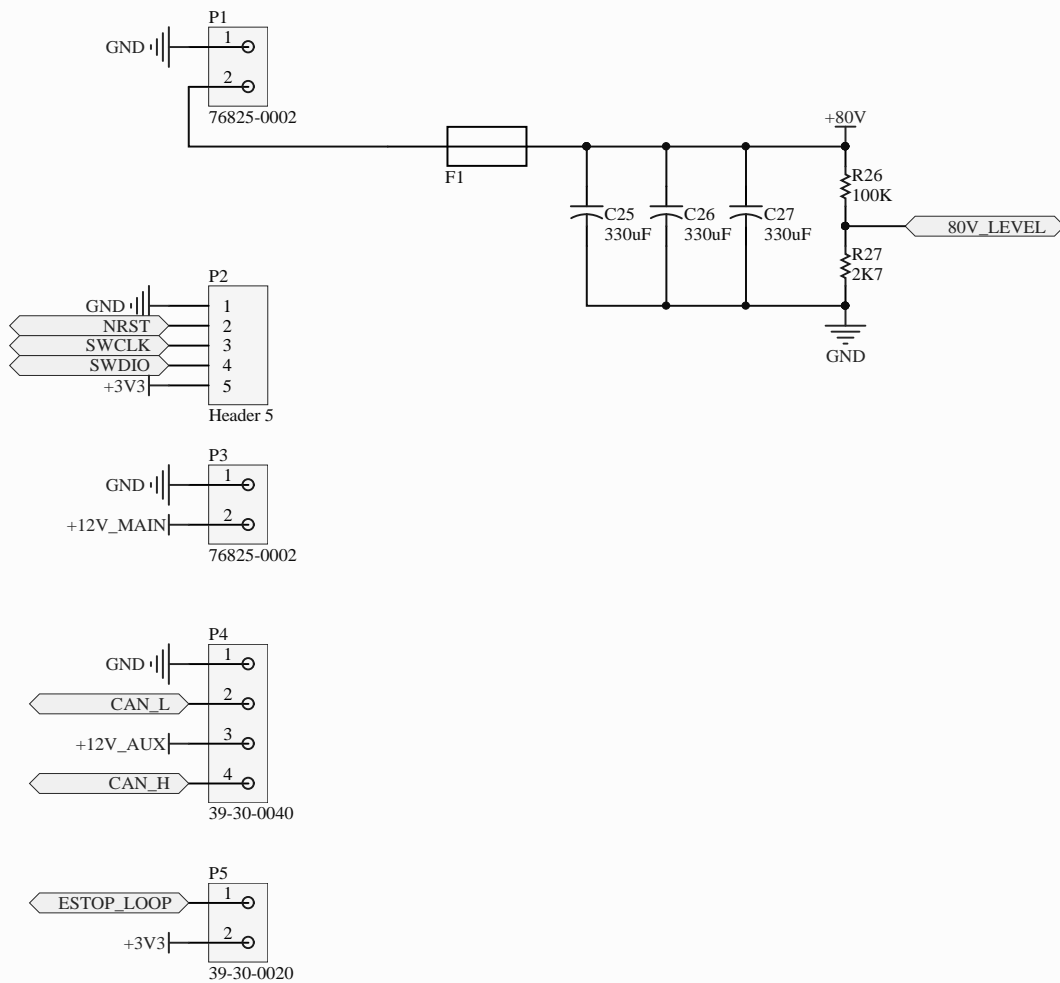


A

B



A



B