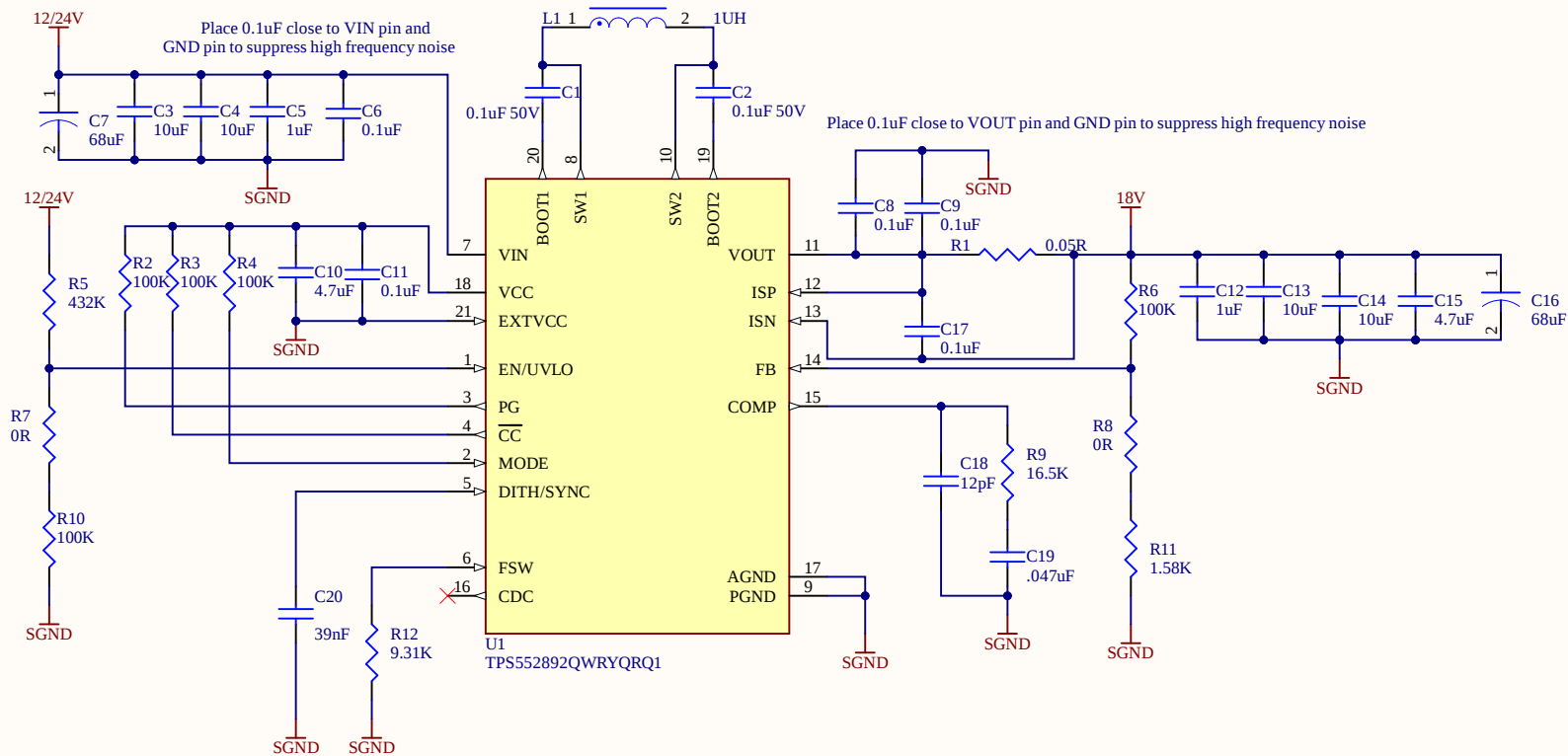




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Designator	Comment	Description	Manufacturer	Manufacturer Part Number
C19	.047uF	Ceramic Capacitor, Multilayer, Ceramic, 6.3V, 10% +Tol, 10% -Tol, X7R, 15% TC, 0.047uF, Surface Mount, 0402	Murata	GRM155R70J473KA01D
R7, R8	0R	Fixed Resistor, Metal Glaze/thick Film, 0.1W, 0ohm, Surface Mount, 0603	Yageo	RC0603FR-070RL
R1	0.05R	Fixed Resistor, Metal Strip, 3W, 0.05ohm, 7.75V, 1% +/-Tol, 50ppm/Cel, Surface Mount, 2513	Bourns	CRA2512-FZ-R050ELF
C6, C8, C9, C11, C17	0.1uF	Ceramic Capacitor, Ceramic, 50V, 10% +Tol, 10% -Tol, X7R, 15% TC, 0.1uF, Surface Mount, 0402	Murata	GCM155R71H104KE02J
C1, C2	0.1uF 50V	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10% +Tol, 10% -Tol, X7R, 15% TC, 0.1uF, Surface Mount, 0603	KEMET	C0603C104K5RAC7013
C5, C12	1uF	Ceramic Capacitor, Multilayer, Ceramic, 35V, 10% +Tol, 10% -Tol, X7R, 15% TC, 1uF, Surface Mount, 0603	TDK	C1608X7R1V105K080AC
L1	1UH	FIXED IND 1UH 9A 11.5 MOHM SMD	Würth Electronics	74438367010
R11	1.58K	Fixed Resistor, Metal Glaze/thick Film, 0.1W, 1580ohm, 75V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	Vishay	CRCW06031K58FKEA
C10, C15	4.7uF	Ceramic Capacitor, Multilayer, Ceramic, 25V, 10% +Tol, 10% -Tol, X5R, 15% TC, 4.7uF, Surface Mount, 0805	TDK	C2012X5R1E475K125AB
R12	9.31K	Fixed Resistor, Metal Glaze/thick Film, 0.1W, 9310ohm, 75V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	Stackpole Electronics	RMCF0603FT9K31
C3, C4, C13, C14	10uF	Ceramic Capacitor, Multilayer, Ceramic, 75V, 10% +Tol, 10% -Tol, X7R, 15% TC, 10uF, Surface Mount, 1210	TDK	CGA6P1X7R1N106K250AC
C18	12pF	Ceramic Capacitor, Multilayer, Ceramic, 50V, 5% +Tol, 5% -Tol, C0G, 30ppm/Cel TC, 0.000012uF, Surface Mount, 0805	Yageo	CC0805JRNPO9BN120
R9	16.5K	Fixed Resistor, Metal Glaze/thick Film, 0.1W, 16500ohm, 75V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	Panasonic	ERJ-3EKF1652V
C20	39nF	Ceramic Capacitor, Multilayer, Ceramic, 50V, 2% +Tol, 2% -Tol, C0G, 30ppm/Cel TC, 0.039uF, Surface Mount, 1206	Murata	GCM3195C1H393GA16D
C7, C16	68uF	Cap Alum Poly Hyb 68UF 63V SMD	Rubycon	63PHV68M10X12.5
R2, R3, R4, R6, R10	100K	Fixed Resistor, Metal Glaze/thick Film, 0.33W, 100000ohm, 75V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	Vishay Dale	RCA0603100KFKEAHP
R5	432K	Fixed Resistor, Metal Glaze/thick Film, 0.1W, 432000ohm, 75V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 0603	Vishay	CRCW0603432KFKEA
U1	TPS552892QWRYQRQ1	Automotive 36-V, 8-A fully integrated buck-boost converter 21-VQFN-HR -40 to 125	Texas Instruments	TPS552892QWRYQRQ1