

## TIDA-01619 REV E1 Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
C1	1	0.1uF	C1005X5R1H104K050BB	TDK	CAP, CERM, 0.1 $\mu$ F, 50 V,+/- 10%, X5R, 0402	0402
C2	1	1uF	GCM155C71A105KE38D	MuRata	CAP, CERM, 1 $\mu$ F, 10 V,+/- 10%, X7S, AEC-Q200 Grade 1, 0402	0402
C3	1	10uF	GRM188R61C106MAALD	MuRata	CAP, CERM, 10 $\mu$ F, 16 V,+/- 20%, X5R, 0603	0603
R1, R2, R3	3	7.15k	CRCW04027K15FKED	Vishay-Dale	RES, 7.15 k, 1%, 0.063 W, 0402	0402
U1	1		DRV10974PWP	Texas Instruments	12-V, Three-Phase, Sensorless BLDC Motor Driver, PWP0016J (TSSOP-16)	PWP0016J
C7, C10, C20	0	0.1uF	C1005X5R1H104K050BB	TDK	CAP, CERM, 0.1 $\mu$ F, 50 V,+/- 10%, X5R, 0402	0402
C8	0	2200pF	CGA2B2X7R1H222K050BA	TDK	CAP, CERM, 2200 pF, 50 V,+/- 10%, X7R, AEC-Q200 Grade 1, 0402	0402
C11	0	470pF	CGA2B2X7R1H471K050BA	TDK	CAP, CERM, 470 pF, 50 V,+/- 10%, X7R, AEC-Q200 Grade 1, 0402	0402
R4	0	4.75k	CRCW04024K75FKED	Vishay-Dale	RES, 4.75 k, 1%, 0.063 W, 0402	0402
R5	0	1.00k	CRCW04021K00FKED	Vishay-Dale	RES, 1.00 k, 1%, 0.063 W, 0402	0402
R6	0	47k	CRCW040247K0JNED	Vishay-Dale	RES, 47 k, 5%, 0.063 W, 0402	0402
U2	0		MSP430G2553IPW20	Texas Instruments	16 MHz Mixed Signal Microcontroller with 16 KB Flash, 512 B SRAM and 24 GPIOs, -40 to 85 degC, 20-pin SOP (PW), Green (RoHS & no Sb/Br)	PW0020A
U3	0		TLV76033DBZR	Texas Instruments	100-mA, 30-V, Fixed-Output, Linear-Voltage Regulator, DBZ0003A (SOT-23-3)	DBZ0003A

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