

Item	Qty	Reference	Part Description	Manufacture / Part #
REQUIRED CIRCUIT COMPONENTS¹				
1	1	C7	CAP., CER NPO 10pF 50V	AVX 04025A100JAT1A 0402
2	1	C2	CAP., CER NPO 27pF 50V	AVX 04025A270JAT1A 0402
3	1	C8	CAP., CER X7R 470pF 50V	AVX 04025C471JAT1A 0402
4	2	C5,C6	CAP., CER X7R 0.01uF 16V	AVX 0402YC103JAT2A 0402
5	1	C4	CAP., CER X7R 0.1uF 10V	AVX 0402ZD104MAT2A 0402
6	1	C1	CAP., CER X5R 4.7uF 6.3V	TAIYO YUDEN JMK212BJ475MG 0805
7	1	C3	CAP., CER X5R 22uF 6.3V	KEMET C1206C226K9PAC 1206
8	1	R10	RES., CHIP 51K 5%	AAC CR05-513JM 0402
9	1	R4	RES., CHIP 33.2K 1%	AAC CR05-3322FM 0402
10	1	R6	RES., CHIP 84.5K 1%	AAC CR05-8452FM 0402
11	1	R7	RES., CHIP 133K 1%	AAC CR05-1333FM 0402
12	1	R5	RES., CHIP 200K 1%	AAC CR05-2003FM 0402
13	1	R3	RES., CHIP 215K 1%	AAC CR05-2153FM 0402
14	1	R2	RES., CHIP 665K 1%	AAC CR16-6653FM 0603
15	1	L1	INDUCTOR, 4.7uH	TOKO, A915AY-4R7M
16	1	U1	IC., 1.5MHz Synchronous Step-Up DC/DC Converter	LINEAR LTC3458LEDE
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS²				
1	0	D1	OPTIONAL	ON SEMI., MBRM120LT3 POWERMITE
2	1	C9	CAP., TANT 47uF 10V	AVX TAJC476M010R C-CASE
3	1	R1	RES., CHIP 1M 1%	AAC CR16-1004FM 0603
4	1	R8	RES., CHIP 100K 1%	AAC CR05-1003FM 0402
5	1	R9	RES., CHIP 1K 5%	AAC CR05-102JM 0402
Notes:				
1. Required Circuit Components are those parts that are required to implement the circuit function				
2. Additional Demo Board Circuit Components are those parts that provide added functionality for the demo board but are not required in the actual circuit.				