

Item	Qty	Reference	Part Description	Manufacturer / Part #
REQUIRED CIRCUIT COMPONENTS				
1	1	C3	CAP., X5R, 4.7μF 10V 20%, 0603	TDK, C1608X5R1A475M
2	1	C4	CAP., X5R, 4.7μF 16V 20%, 0805	TDK, C2012X5R1C475M
3	2	C6,C9	CAP., X5R, 10μF 10V 10%, 0805	TDK, C2012X5R1A106K
4	1	C11	CAP., X5R, 2.2μF 16V 20%, 0603	TDK, C1608X5R1C225M
5	2	L1,L2	IND., 3.3uH, L-CDRH2D18/HPNP	SUMIDA, CDRH2D18/HPNP-3R3NC
6	1	R3	RES., Chip 374KΩ, 1/16W 1%, 0402	VISHAY, CRCW0402374KFKED
7	2	R4,R10	RES., Chip 249KΩ, 1/16W 1%, 0402	VISHAY, CRCW0402249KFKED
8	1	R7	RES., Chip 124KΩ, 1/16W 1%, 0402	VISHAY, CRCW0402124KFKED
9	1	U1	I.C., LTC3527EUD#PBF, QFN16UD-3X3	LINEAR TECH., LTC3527EUD#PBF
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS				
1	2	C7,C10	CAP., X5R, 1μF 10V 10%, 0402	TDK, C1005X5R1A105K
2	2	R1,R2	RES., Chip 1MΩ, 1/16W 1%, 0402	VISHAY, CRCW04021M00FKED
3	1	R5	RES., Chip 61.9KΩ, 1/16W 1%, 0402	VISHAY, CRCW040261K9FKED
4	1	R6	RES., Chip 357KΩ, 1/16W 1%, 0402	VISHAY, CRCW0402357KFKED
5	1	R8	RES., Chip 221KΩ, 1/16W 1%, 0402	VISHAY, CRCW0402221KFKED
6	1	R9	RES., Chip 90.9KΩ, 1/16W 1%, 0402	VISHAY, CRCW040290K9FKED
HARDWARE FOR DEMO BOARD ONLY				
1	0	C1,C2	CAP., TANT, 3216	OPT
2	0	C5,C8	CAP., 0402	OPT
3	0	D1,D2,D3,D4	DIODE, SCHOTTKY, POWERMITE-1	OPT
4	12	E1-E12	TP, TURRET, 0.094"	MILL-MAX, 2501-2-00-80-00-00-07-0
5	4	JP1,JP2,JP3,JP4	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S
6	2	JP5,JP6	JMP, 2X4, 0.079"	SAMTEC, TMM-104-02-L-D
7	2	JP8,JP7	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-L-D
8	8	SHUNTS ON JP1-JP4 (2&3), JP5&JP6 (3&4), JP7&JP8(5&6)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G

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3	2	C6,C9	CAP., X5R, 10 μ F 10V 10%, 0805	TDK, C2012X5R1A106K
4	1	C11	CAP., X5R, 2.2 μ F 16V 20%, 0603	TDK, C1608X5R1C225M
5	2	L1,L2	IND., 3.3 μ H, L-CDRH2D18/HPNP	SUMIDA, CDRH2D18/HPNP-3R3NC
6	1	R3	RES., Chip 374K Ω , 1/16W 1%, 0402	VISHAY, CRCW0402374KFKED
7	2	R4,R10	RES., Chip 249K Ω , 1/16W 1%, 0402	VISHAY, CRCW0402249KFKED
8	1	R7	RES., Chip 124K Ω , 1/16W 1%, 0402	VISHAY, CRCW0402124KFKED
9	1	U1	I.C., LTC3527EUD-1#PBF, QFN16UD-3X3	LINEAR TECH., LTC3527EUD-1#PBF
ADDITIONAL DEMO BOARD CIRCUIT COMPONENTS				
1	2	C7,C10	CAP., X5R, 1 μ F 10V 10%, 0402	TDK, C1005X5R1A105K
2	2	R1,R2	RES., Chip 1M Ω , 1/16W 1%, 0402	VISHAY, CRCW04021M00FKED
3	1	R5	RES., Chip 61.9K Ω , 1/16W 1%, 0402	VISHAY, CRCW040261K9FKED
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5	1	R8	RES., Chip 221K Ω , 1/16W 1%, 0402	VISHAY, CRCW0402221KFKED
6	1	R9	RES., Chip 90.9K Ω , 1/16W 1%, 0402	VISHAY, CRCW040290K9FKED
HARDWARE FOR DEMO BOARD ONLY				
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2	0	C5,C8	CAP., 0402	OPT
3	0	D1,D2,D3,D4	DIODE, SCHOTTKY, POWERMITE-1	OPT
4	12	E1-E12	TP, TURRET, 0.094"	MILL-MAX, 2501-2-00-80-00-00-07-0
5	4	JP1,JP2,JP3,JP4	JMP, 1X3, 0.079"	SAMTEC, TMM-103-02-L-S
6	2	JP5,JP6	JMP, 2X4, 0.079"	SAMTEC, TMM-104-02-L-D
7	2	JP8,JP7	JMP, 2X3, 0.079"	SAMTEC, TMM-103-02-L-D
8	8	SHUNTS ON JP1-JP4 (2&3), JP5&JP6 (3&4), JP7&JP8(5&6)	SHUNT, .079" CENTER	SAMTEC, 2SN-BK-G