

slb\_one rail

**BOM for SLB-SR (May 5, 2019) by xrk971, AKSA, Jhofland**

Qty	Reference(s)	Value	Manufacturer	MPN
1	C9	47pF	TDK	FG28C0G1H470JNT00
1	C1	10nF	WIMA	MKS2F021001A00MSSD
1	C12	22nF	WIMA	MKS2D022201A00MSSD
2	C2, C11	100nF	WIMA	MKS2D031001A00MC00
3	C3, C5, C6	1uF	WIMA	MKS2C041001F00MSSD
1	C13	220uF	Panasonic	EEU-FS1H221L
2	C8, C10	1000uF	Panasonic	EEU-FS1H102L
2	C4, C7	15000uF	Cornell Dubilier	SLPX153M050H4P3
1	D1	GREEN	Lite-On	LTL-4231N
1	D2	1N4004	On Semiconductor	1N4004G
1	HS1	Heatsink	AAVID-Thermalloy	531102B02500G
9	J1, J2, J4, J6, J7, J8, J9, J10, J11	spade	TE Connectivity	62409-1
1	J3	minifit jr 2x2	Molex	26013115
1	J5	minifit jr receptacle	Molex	39-01-2040
4	J12, J13, J14, J15	pin	Molex	39-00-0039
4	Q1, Q2, Q3, Q4	STP110N8F6	ST Microelectronics	STP110N8F6
1	Q5	BD139	On Semiconductor	BD139G
1	Q6	2SA1943	Toshiba	2SA1943N(S1,E,S)
2	R2, R3	0R10	KOA Speer	BPR58CR10J
1	R9	2R2	Vishay/BC Components	SFR25H0002208FR500
1	R1	180R	KOA Speer	CF1/4CT52R181J
1	R8	68R	Vishay/BC Components	SFR2500006809FR500
1	R6	75R	Vishay/BC Components	SFR16S0007509FR500
1	R5	330R	Vishay/BC Components	SFR2500003300FR500
2	R4, R7	10K	Vishay/BC Components	PR01000101002JR500
1	RV1	200R	Vishay	T93YA201KT20
1	TH1	NTC_8D20		
1	U1	LT4320_DIP	Analog Devices	LT4320IN8#PBF