

					3	\$10.35							
Q	part number	footprint	ref_des	cost	extended	ext cost	link						
	2	0 digikey-footprints:0603	R2 R3	\$0.10	6	\$0.60	https://www.digikey.com/product-detail/en/panasonic-electronic-components/ERJ-3GEY0R00V/P0.0GCT-ND/134711						
	1	1.5uH PJS_smt_parts:SMT_passive_1008	L1	\$0.42	3	\$1.26	https://www.digikey.com/products/en?keywords=490-10574-1-ND						
	1	100k digikey-footprints:0603	R1	\$0.10	3	\$0.30	https://www.digikey.com/product-detail/en/bourns-inc/CR0603-FX-1003HLF/CR0603-FX-1003HLFCT-ND/4247695						
	3	10uF digikey-footprints:0603	C1 C3 C4	\$0.22	9	\$1.98	https://www.digikey.com/product-detail/en/taiyo-yuden/LMK107BBJ106MALT/587-3258-1-ND/3662218						
	1	1M digikey-footprints:0603	R4	\$0.10	3	\$0.30	https://www.digikey.com/product-detail/en/yageo/RC0603FR-071ML/311-1.00MHRCT-ND/729791						
	1	1nF digikey-footprints:0603	C2	\$0.10	3	\$0.30	https://www.digikey.com/product-detail/en/kemet/C0603C102J5RACTU/399-1083-1-ND/411358						
	0	EN Pin_Headers:Pin_Header_Straight_1x02_Pitch2.54mm	J2		0	\$0.00							
	0	Metroid PJS-icons:metroid	icon1		0	\$0.00							
	0	Pgood Pin_Headers:Pin_Header_Straight_1x02_Pitch2.54mm	J4		0	\$0.00							
	1	TPS63051 PJS_smt_parts:TI_VQFN_12	U1	\$1.87	3	\$5.61	https://www.digikey.com/product-detail/en/texas-instruments/TPS63051RMWR/296-42650-1-ND/5455915						
	0	Vin Degson:DG301-5.002P-12	J1		0	\$0.00							
	0	Vout Degson:DG301-5.002P-12	J3		0	\$0.00							

	Vin	Vout					
Boost duty cycle	2.5	3.3	0.2424242424				
	Iout	n (eff)					
input current boost	0.5	0.9	0.7333333333				
	f (MHz)	L (uH)	n (eff)	Iout		fudge factor	
Boost Ipeak	2.5	1.5	0.9	0.5	0.8141414141	0.2	0.976969697
	Vin	vout					
Buck duty cycle	5.5	3.3	0.6				
	Iout	n (eff)					
input current buck	0.5	0.9	0.3333333333				