

## MP26123 (2S/3S) or MP26124 (4S) Battery Charger Board Parts List

Qty	Description	P/N	Digikey #	Price	Package
1	Charge Controller 2S/3S	MP26123DR-LF-Z	<a href="#">1589-1609-1-ND</a>	\$4.92	16-VQFN
	Charge Controller 4S	MP26124GR-Z	<a href="#">1589-1993-1-ND</a>	\$4.92	16-VQFN
1	4.7uH Inductor (2S/3S)	DR73-4R7-R	<a href="#">513-1133-1-ND</a>	\$0.92	SMD
	10uH Inductor (4S)	NRS8030T100MJGJ	<a href="#">587-2960-1-ND</a>	\$0.45	SMD
1	Quad NAND gate	MC74HC132ADTG	<a href="#">MC74HC132ADGOS-ND</a>	\$0.37	14 pin SOIC
2	P-FET	FDS4435BZ	<a href="#">FDS4435BZCT-ND</a>	\$0.60	8 Pin SOIC
1	Schottky Diode	B540C	<a href="#">B540C-FDICT-ND</a>	\$0.48	DO-214AB
1	Fuse 5A 32V Slow blow	0469005.WR	<a href="#">F3539CT-ND</a>	\$0.81	1206
5	0.1uf 50V X5R Cap	UMK212BJ104KG-T	<a href="#">587-5486-1-ND</a>	\$0.08	0805
1	0.15uf 50V X5R Cap	C2012X7R1H154K085AA	<a href="#">445-14541-1-ND</a>	\$0.19	0805
4	1uf 35V Cap	GMK212B7105KG-T	<a href="#">587-1438-1-ND</a>	\$0.25	0805
1	4.7uf Cap	C1210C475K5RACTU	<a href="#">399-6785-1-ND</a>	\$0.60	1210
2	10uf Cap	GMK325AB7106MM-T	<a href="#">587-2779-1-ND</a>	\$0.69	1210
1	22uf Cap	C1210C226K3PACTU	<a href="#">399-11404-1-ND</a>	\$0.72	1210
2	2200pf Cap (2S/3S)	CL21B222JBANNNC	<a href="#">1276-2478-1-ND</a>	\$0.10	0805
1	2200pf Cap (4S)	CL21B222JBANNNC	<a href="#">1276-2478-1-ND</a>	\$0.10	0805
1	4700pf Cap (4S)	C0805C472K5RAC7025	<a href="#">C0805C472K5RAC7025CT-ND</a>	\$0.11	0805
5	10KΩ 1%	RNCP0603FTD10K	<a href="#">RNCP0603FTD10K0CT-ND</a>	\$0.10	0603
1	10Ω 0.3W	SDR03EZPF10R0	<a href="#">511-1693-1-ND</a>	\$0.13	0603
3	1KΩ 5%	RC0603JR-071KL	<a href="#">311-1.0KGRCT-ND</a>	\$0.10	0603
1	2.49KΩ	RNCP0603FTD2K49	<a href="#">RNCP0603FTD2K49CT-ND</a>	\$0.10	0603
1	750Ω	CRCW0603750RFKEAC	<a href="#">541-5551-1-ND</a>	\$0.10	0603
1	0.2Ω 1% 1W	WSL2512R2000FEA	<a href="#">WSLG-.20CT-ND</a>	\$1.05	2512