

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	1589-1609-1-ND	\$4.92	16-VQFN
	Charge Controller 4S	MP26124GR-Z	1589-1993-1-ND	\$4.92	16-VQFN
1	4.7uH Inductor (2S/3S)	DR73-4R7-R	513-1133-1-ND	\$0.92	SMD
	10uH Inductor (4S)	NRS8030T100MJGJ	587-2960-1-ND	\$0.45	SMD
1	3.3 volt regulator	AP7381-33Y-13	AP7381-33Y-13DICT-ND	\$0.44	SOT89
1	Quad NAND gate	MC74HC132ADTG	MC74HC132ADGOS-ND	\$0.37	14 pin SOIC
2	P-FET	FDS4435BZ	FDS4435BZCT-ND	\$0.60	8 Pin SOIC
1	Schottky Diode	B540C	B540C-FDICT-ND	\$0.48	DO-214AB
1	Fuse 5A 32V Slow blow	0469005.WR	F3539CT-ND	\$0.81	1206
5	0.1uf 50V X5R Cap	UMK212BJ104KG-T	587-5486-1-ND	\$0.08	0805
1	0.15uf 50V X5R Cap	C2012X7R1H154K085AA	445-14541-1-ND	\$0.19	0805
4	1uf 35V Cap	GMK212B7105KG-T	587-1438-1-ND	\$0.25	0805
1	2.2uf 35V Cap	CGA4J1X7R1V225M125AC	445-12769-1-ND	\$0.51	0805
1	4.7uf Cap	C1210C475K5RACTU	399-6785-1-ND	\$0.60	1210
2	10uf Cap	GMK325AB7106MM-T	587-2779-1-ND	\$0.69	1210
1	22uf Cap	C1210C226K3PACTU	399-11404-1-ND	\$0.72	1210
2	2200pf Cap (2S/3S)	CL21B222JBANNNC	1276-2478-1-ND	\$0.10	0805
1	2200pf Cap (4S)	CL21B222JBANNNC	1276-2478-1-ND	\$0.10	0805
1	4700pf Cap (4S)	C0805C472K5RAC7025	C0805C472K5RAC7025CT-ND	\$0.11	0805
6	10KΩ 1%	RNCP0603FTD10K	RNCP0603FTD10K0CT-ND	\$0.10	0603
1	10Ω 0.3W	SDR03EZPF10R0	511-1693-1-ND	\$0.13	0603
3	1KΩ 5%	RC0603JR-071KL	311-1.0KGRCT-ND	\$0.10	0603
1	2.49KΩ	RNCP0603FTD2K49	RNCP0603FTD2K49CT-ND	\$0.10	0603
1	750Ω	CRCW0603750RFKEAC	541-5551-1-ND	\$0.10	0603
1	0.2Ω 1% 1W	WSL2512R2000FEA	WSLG-.20CT-ND	\$1.05	2512