

GPS2MSF Partlist 27/03/11 SJM@MCL

QTY	PART TYPE	Value / suffix	PKG	MANU	DISTRIBUTOR	PRICE	TOTAL	REF DES	NOTES	
1	GPS2MSF RevB PCB	1.6mm FR4	PTH	PCBTrain	PCBTrain	£12.00	£12.00		PCB	
1	DSPIC33FJ12GP201	I/SO	SO18W	Microchip	Farnell: 143-9604	£1.90	£1.90	U1	Digital signal controller	
1	74HC74	D	SO14		Farnell: 159-1680	£0.42	£0.42	U2	Dual D-type latch	
1	LP2980	AIM5-3.3	SOT23/5	Nat Semi	Farnell: 121-2201	£0.47	£0.47	U3	LDO 3v3	
1	BSR17A	NPN	SOT23		Farnell: 984-6697	£0.11	£0.11	Q1	NPN	
1	LED	green	t/hole			£0.37	£0.37	LED1		
3	BAT54A		SOT23	NXP	Farnell: 108-1191	£0.21	£0.63	D1,2,4	dual sig schottkey	
1	BAT54S		SOT23	NXP	Farnell: 108-1194	£0.17	£0.17	D3	dual sig schottkey	
3	TANTB	10u, 10V	B	AVX	Farnell: 183-3918	£0.30	£0.90	CT*	Tantalum cap	
4	DCAP	0.1u, X7R, 25v	0805			£0.10	£0.40	CD*	Decoupling cap	
1	CAP	100pF, NPO, 50v	0805			£0.10	£0.10	C1		
1	SIMID2220	1mH, 85mA	2220	EPCOS	Farnell: 158-847	£1.18	£1.18	L1	Inductor	
7	RES	See schematic	0805			£0.02	£0.14	R*	See schematic for values	
1	MOLEX5	5 x 0.1"		Molex		£0.50	£0.50	J1	.1" pin header	
1	MOLEX3	3 x 0.1"		Molex		£0.30	£0.30	J2	.1" pin header	
1	SM06B	1 x 0.1"		JST	Farnell: 167-8122	£0.76	£0.76	J3	.1" pin header	
							<u>£20.35</u>			