







# Component list

Bill of Materials For Project [GPS\_Board.PrjPCB] (No PCB Document Selected)

Source Data From:

GPS\_Board.PrjPCB

Project:

GPS\_Board.PrjPCB



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#	Designator	Quantity	Vendor	PartNumber	Description	Manufacturer	Comment
1	B1	1	DX.com	202984	Custom CR927 mount		CR927
2	C1, C3, C5, C6, C8	5			CAP CER 0.1uF, 0603		
3	C2	1			CAP CER 0.01uF, 0603		0.01uF
4	C4	1			2.2uF, 0602		2.2uF
5	C7	1			CAP CER 0.1uF, 0603		0.1uF
6	C9, C10	2			CAP CER 4.7uF, 1206		CAP_1206
7	D1	1			LED_0603		Green LED
8	D2, D4	2	Digikey	1N4148W-TP	DIODE SWITCH 100V 0.15A SOD123	Micro Commercial	1N4148
9	D3	1		Amber	LED_0603		LED_0603
10	H1	1		DNP	CONN HEADER 3X2POS .100" PADS		DNP
11	H2	1	Digi-Key	1981584-1	CONN RCPT MICRO USB TYPE AB	TE Connectivity	Micro USB
12	H3	1			CONN HEADER 2POS .100" SGL GOLD	Samtec	TSW-102-07-L-S
13	H4	1			CONN HEADER 4POS .100" SGL GOLD	Samtec	TSW-104-07-L-S
14	R1, R12	2			RES 0603		470R
15	R2, R9, R13	3			RES 0603		10K
16	R3, R4	2			RES 0603		4.7K
17	R5, R6	2			RES 0603		1K
18	R7, R8	2			RES 0603		27R
19	R10, R11	2			RES 0603		330R
20	R14	1			RES 0603		0R
21	S1	1		122514	DX_SWITCH TACTILE		PPushButton
22	S2, S3	2	Digikey	FSM6JSMA	SWITCH TACTILE SPST-NO 0.05A 12V	TE Connectivity	Tactile_Sw itch
23	S4	1	DX.com	122531	DX_SWITCH SLIDE SPDT R/A		
24	U1	1	Digikey	TMP75AIDGKR	IC DGTL TEMP SENSOR 2WIRE 8-MSOP	Maxim	TMP75AIDGKR
25	U2	1		FGPMMPA6H	GPS Chip - FGPMMPA6H	Global Top	MTK3339
26	U3	1	Digikey	ATMEGA328P-AU	MCU AVR 32K FLASH 32TQFP	Atmel	ATMEGA328P-AU
27	U4	1	Digikey	FT230XS-R	IC USB SERIAL BASIC UART 16SSOP	FTDI	FT230XS-R
28	U5	1	Digikey	LP2985-33DBVR	IC REG LDO 3.3V .15A SOT23-5	Texas Instruments	LP2985-33DBVR
29	X1	1	Digikey	CSTCE8M00G55-R0	CER RESONATOR 8.0MHZ SMD	Murata	

Approved

Notes