

Job Name: **gps_revX1.bmb**

Build Count: **4**

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Build Sides: **SMT Hand Parts RED = Top**

Date: 11/20/2019

Time: 20:57

Find-TC	Count	Ref_Des	Part_Number	Sort Code	Description
1	4	J6	BW-143-925	None	Con 4 pin 50 mil 2x2 str male, surface mnt, 0.150" post height Samtec FTSH-102-0
2	4	J7	BW-185-936	None	Con 2 pin 50 mil 1x2 str male, surface mnt, 0.120" post height Samtec FTS-102-01
3	4	J5	BW-202-499	None	Con 10 pin 100 mil 2x5 str male shrouded w/locking clip ejector tabs, SMT Samt
4	8	J1, J2	BW-432-272	None	Con SMA female jack str 50 ohm18GHz PCB SMT Molex 0732511352
5	4	S1	BW-482-028	None	Switch DIP1 position, 2 pin, SPST SMT Wurth 418121160801
6	4	S2	BW-793-167	None	Switch momentary SPST-NO tactile 4 pin 6mm SMT E-Switch TL3301AF160QJ

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Build Sides: **Thru Hole Hand Parts RED = Top**

Date: 11/20/2019

Find-TC	Count	Ref_Des	Part_Number	Sort Code	Description
7	16	T1, T2, T3, T5	BW-966-768	None	Test point loop 63mil dia hole black Keystone 5006

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Build Sides: **SMT Machine Parts**

Date: 11/20/2019

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Find-TC	Count	Ref_Des	Part_Number	Sort Code	Description
8	8	L1, L2	BW-002-808	None	Inductor 1uH 650mA 0603 Taiyo Yuden BRL1608T1R0M
9	16	R2, R4, R5, R6	BW-015-470	None	Res 16K 1% 1/10W 0402 Panasonic ERJ-2RKF1602X
10	4	U3	BW-032-153	None	IC TPS3125 1.62V supply monitor POR generator TI TPS3125J18DBVR
11	12	R20, R21, R22	BW-182-504	None	Res 200 1% 1/10W 0402 Panasonic ERJ-2RKF2000X
12	36	R9, R10, R11, R12, R13, R14, R15, R16, R17	BW-242-342	None	Res 100K 1% 1/16W 0402 Yageo RC0402FR-07100KL
13	4	R19	BW-309-538	None	Res 604 1% 1/10W 0402 Panasonic ERJ-2RKF6040X
14	4	J4	BW-330-143	None	Con 400 pin 1.27mm FMC VITA 57 male plug 10mm stkd ht Samtec ASP-134488-01
15	56	C2, C8, C25, C26, C28, C29, C31, C33, C35, C37, C39, C41, C43, C45	BW-373-241	None	Cap ceramic 10uF 6.3V 20% X5R 0603 Taiyo Yuden JMK107BJ106MA-T
16	16	U5, U6, U7, U8	BW-380-427	None	IC SN74AVC4T234 level shifter 4-ch unidirectional uCSP-11 TI SN74AVC4T234ZSUR
17	8	U9, U10	BW-430-932	None	IC LT3022 adj LDO regulator 1A MSOP-EP-16 Linear Tech LT3022EMSE#PBF
18	4	J3	BW-437-404	None	Con uSD card recp Molex 5033981892
19	100	C1, C3, C4, C5, C6, C7, C9, C10, C17, C18, C19, C20, C21, C22, C23, C24, C27, C30, C32, C34, C36, C38, C40, C42, C44	BW-514-503	None	Cap ceramic 0.1uF 10V 20% X5R 0402 Samsung CL05A104MP5NNNC
20	8	R3, R18	BW-532-263	None	Res 0 1/10W 0603 Panasonic ERJ-3GEY0R00V
21	4	U1	BW-700-030	None	IC NB7V58M LVDS clock multiplexer 2 1 QFN-16 ON NB7V58MMNG
22	4	X1	BW-723-518	None	Osc 200MHz 50ppm LVDS 6-pin Microchip DSC1103CI1-200.0000
23	4	U2	BW-736-947	None	IC custom GPS CRAFT-packaged BGA die 676 0.6mm balls, 1mm pitch BWRC