

**P2001 BILL OF MATERIALS**

Name	ID	Package	Reel Width	Qty	Layout Name
<i>Wifi Module</i>					
Gainspan Wifi module (HTTPS)	GS1011MIPS	SMT	Tray	1	U1
<i>Power</i>					
3.3v LDO Regulator - WiFi	TPS73533 DRV	SON-6 DRV	8mm	1	U4
<i>Storage</i>					
MicroSD card holder	2908-05WB-MG	SMT	24mm	1	MICROSD
Serial Flash 16-Mbit	M25PX16-VMN6TP	8-SO	12mm	2	U2,U3
<i>Backpack Bus</i>					
Atmel ATtiny13A	ATTINY13A-MMUR-ND	10-VFDFN	8mm	1	U5
<i>Miscellaneous</i>					
22 uf capacitor	C1608X5R0J226M080AC	0603	8mm	1	C5
2.2 uf capacitor	C1005X5R0J225M	0402	8mm	1	C2
1.0 uf capacitor	C1005X5R0J105M	0402	8mm	1	C1
0.1 uf capacitor	C1005X5R1A104K	0402	8mm	4	C3,C4,C6,C7
100k ohm resistor	ERJ-2GEJ103X	0402	8mm	6	R1,R2,R3,R4,R5,R6
Female headers 2mm	SSHQ-216-S-08-GT-LF	Through-hole		2	JP-L,JP-R