

# BILL OF MATERIALS

SMART Technologies Inc.

Assembly Number: 26-028-00

Assy Name: BLUETOOTH

REV B0

DATE: 29 APR 02

ITEM#	SMART PART#	DESCRIPTION	CCT REF.	PKG.	CLASS	QTY/UNIT	Comments/ Changes
1	09-049	CAP, 0.01UF, 25V, 20%, CERAMIC	C18	C0603		1	
2	09-00098	Cap, 47pF, 50V, 5%, CERAMIC	C1 C2 C3 C4 C5 C6 C7 C8 C9C10 C11 C12 C13	C0603		13	
3	09-048	CAP, 0.1uF, 25V, 20%, CERAMIC	C14 C15 C16 C17 C19 C20 C21 C22 C23	C0805		9	
4	12-070	Connector, DB9F, R. Angle,	J3	DB9F		1	
5	39-003	Inductor, 47uH	L1	DO3316		1	
6	09-071	CAP, 10uF, 16V, 20%, ELECTROLYTIC	E3	EB		1	
7	09-053	CAP, 100uF, 35V,20%, ELECTROLYTIC	E2	EF		1	
8	09-054	CAP, 220UF, 16V, 20%, ELECTROLYTIC	E1	EF		1	
9	12-00178	HEADER 2X4	J1	FTR2X4		1	
10	18-00051	LED, 3.5mm, RED, SIDE VIEW	LD1 LD2 LD3 LD4	HDRM1X2		4	
11	18-00052	LED Specer, Square, 9.5mm	LD1 LD2 LD3 LD4			4	
12	12-001	DC Jack	J2	PWR_CON		1	
13	69-00187	RES, 4K87, 1%	R38	R0603		1	
14	69-106	RES, 10K0, 1%	R40 R41 R42 R43	R0603		4	
15	69-00166	RES, 0R, JUMPER	R46	R0603		1	
16	69-096	RES, 1K OHM, 1%	R8 R33 R35 R37	R0603		4	
17	69-087	RES, 47K, 5%	R32 R47	R0603		2	
18	69-00167	Res,47R,1/16W, 5%	R1 R2 R3 R4 R5 R6 R7 R9 R10 R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R27 R28	R0603		26	
19	69-098	RES, 4K7, 5%	R26 R30 R34 R36	R0603		4	
20	69-00188	RES, 7K50, 1%	R31	R0603		1	
21	69-103	RES, 1R0, 5%	R29	R1206		1	
22	12-00179	SOCKET, 2X14, SM	M1	RSM2X14		1	
23	18-021	DIODE, SCHOTTY, SMA, B140	S1,S2	SMA		2	
24	90-00022	Voltage Reg. 150mA, MIC2951-3.3BM	U1	SO-8		1	
25	36-00162	Buffer, Low Vol. Hex Inverter74LCX04	U2	SOL-14		1	
26	90-00029	Voltage Reg.,MIC4574-3.3BWM	U3	SOL-14		1	
27	36-00163	RS232 Line Driver , MAX3232ECWE	U4	SOL-16		1	
28	18-012	Transient supp. 20V	ZZ1 ZZ2 ZZ3 ZZ4	SOT-23S		4	
29	09-00099	Cap,4.7uF, TANT, 16V	T1 T2	TA		2	
32	25-028-00	Circuit Board (PCB)				1	
		Firmware	N/A		Documentation		
		PCB FABRICATION detail	25-028-00B0_FAB.zip		Documentation		
		PCB Assembly detail	26-028-00B0_MAN.zip		Documentation		
		Assembly Drawing	26-028-00B0.dwg		Documentation		
Total Parts						96	