

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 | |