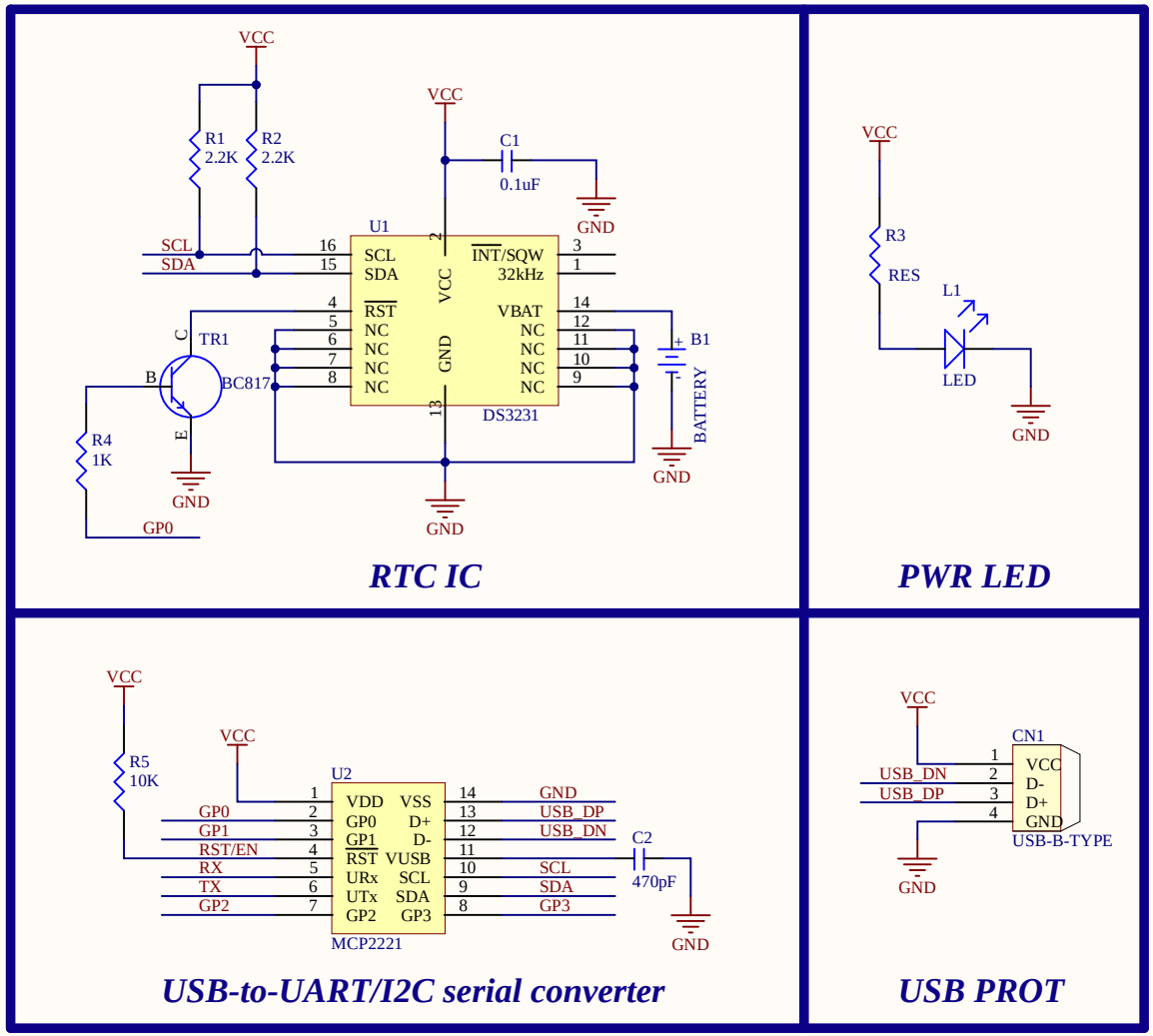
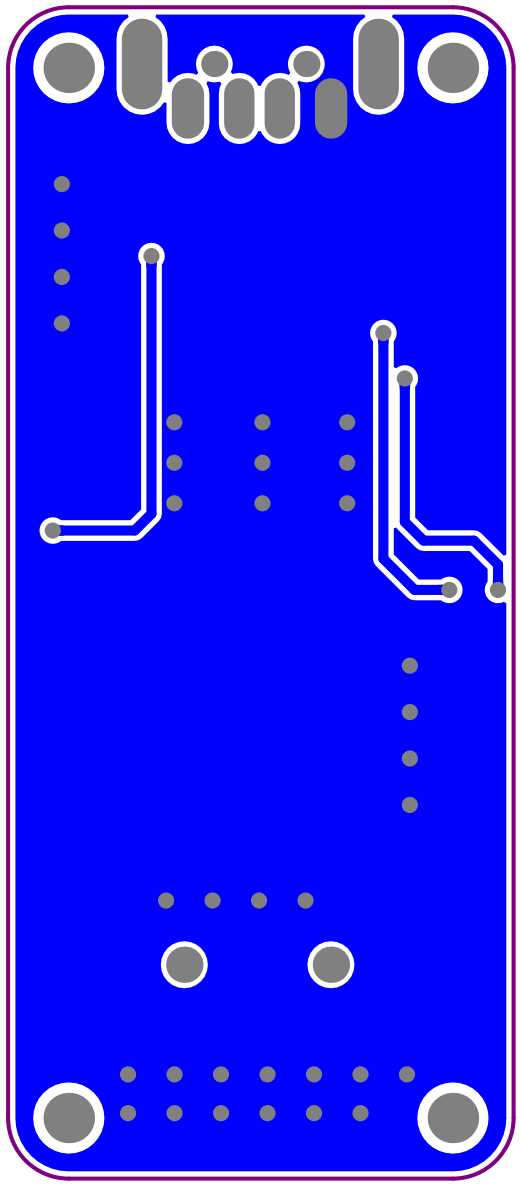



| | | | |
|---|---|---|---|
| **USB_RTC** | | | |
| Size: A4 | Revision: ***V1.0*** | Sheet: ***1/1*** | *SB Component Ltd.* |
| Date: 03-06-2022 | Time: 11:31:38 | DrawnBy: Deepak Singh | *Kemp House, 152-160, London EC1V 2NX.* |



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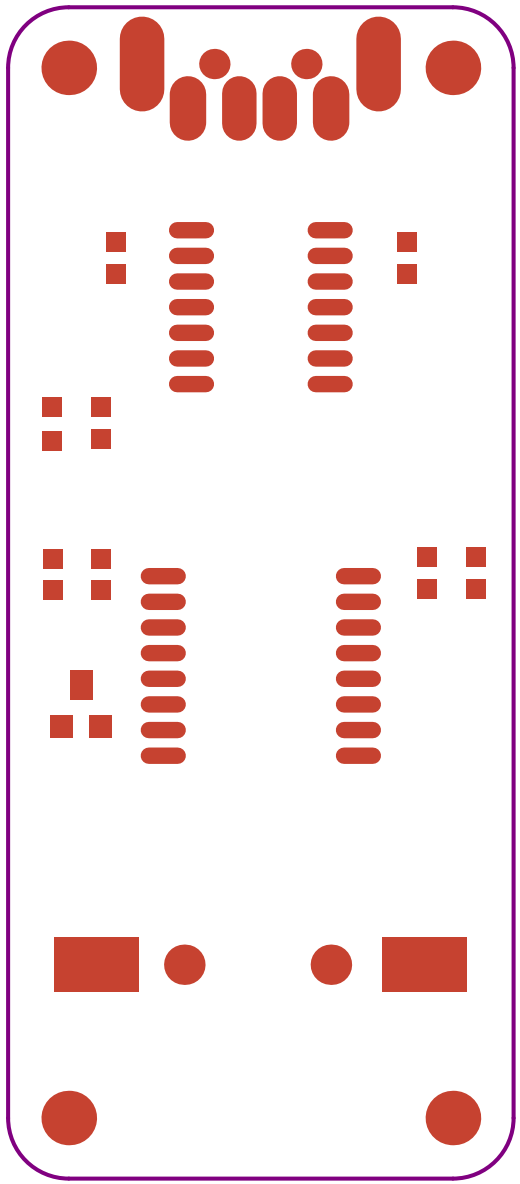

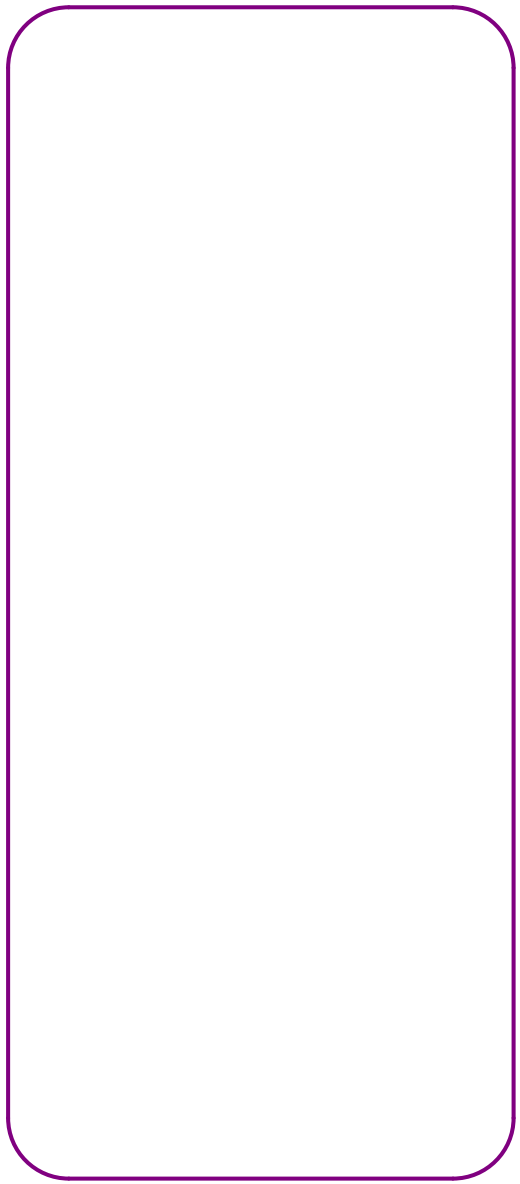

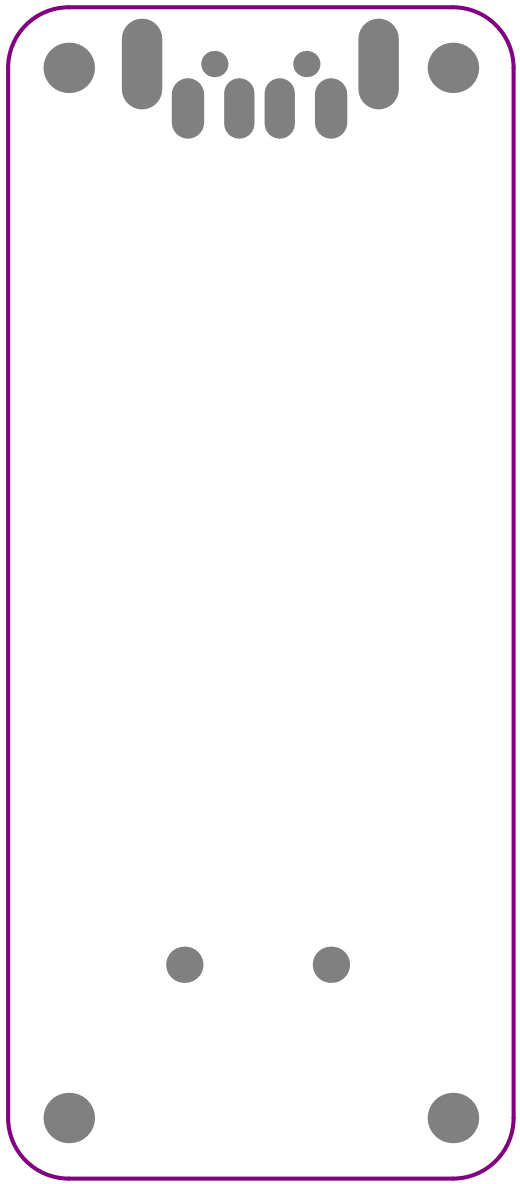

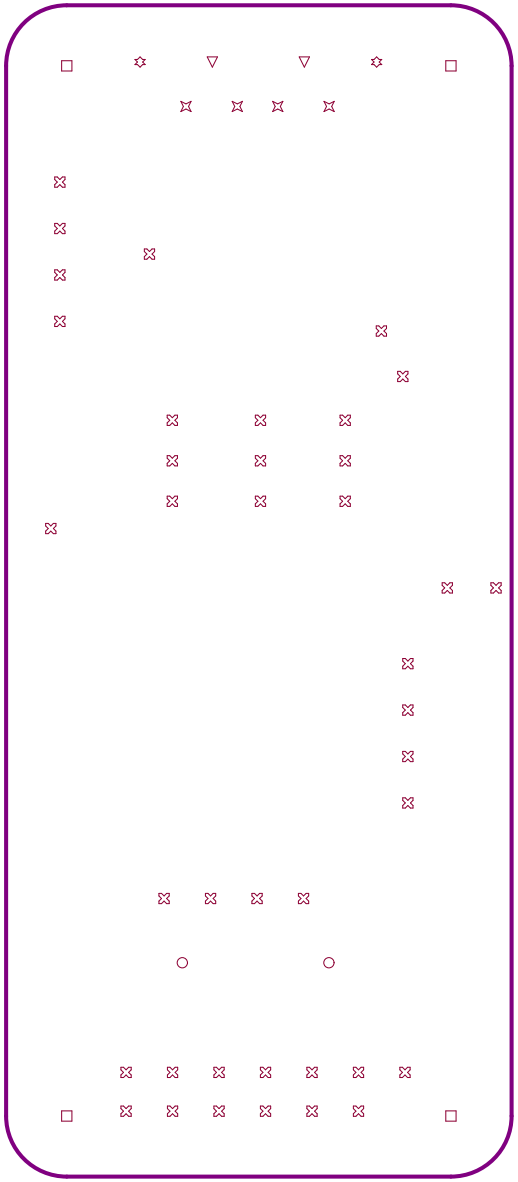

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|---|---|---|---|---|---|
| BATTERY | | B1 | Coin Cell Holder-1220 | BATTERY | 1 |
| 0.1uF | | C1 | CAP_0603_NONPOLAR | CAP_NONPOLAR | 1 |
| 470pF | | C2 | CAP_0603_NONPOLAR | CAP_NONPOLAR | 1 |
| USB-B-TYPE | | CN1 | USB-A-Type MALE | USB_CON | 1 |
| LED | | L1 | LED_0603_neg | LED | 1 |
| 2.2K | | R1, R2 | 0603 | RES | 2 |
| RES | | R3 | 0603 | RES | 1 |
| 1K | | R4 | 0603 | RES | 1 |
| 10K | | R5 | 0603 | RES | 1 |
| BC817 | | TR1 | 547_SOT23 | TRANSISTER_NPN | 1 |
| DS3231 | Extremely Accurate I2C-Integrated RTC | U1 | SO_16_W | DS3231 | 1 |
| MCP2221 | USB2.0 to I2C/UART Protocol Converter with GPIO SOIC-14_150mil USB ICs RoHS | U2 | SO_14_N | MCP2221 | 1 |