**TellyMate Circuit Schematic**

**Schema Version History:**
1.0: Initial version
1.1: Added C10
1.2: Input Variant 'b' now BC547 based
   Input Variant 'b' pullup now 4.7k (was 470Ω)
x1 is now female (as per a DCE)
1.3: Added optional J7 + R6
1.4: Added Transmit functionality.
1.5: Added Optional Aux pins

**Optional RS232 interface**

**Notes:**
- SIG_RXD/SIG_TXD is a TTL level serial signal
- RXD/TXD is an RS232 signal (possibly up to +/- 15V)
- TX/RX naming is relative to this device, RX is input, TX is output.
- TX functionality is optional
- M50, M58, M58A, M168 and H328p are alternatives for IC1

**Translation options between RS232 and TTL**

**This configuration tested up to 115200 baud**

**Optional Aux Headers**

**Option Jumpers**

**Range:** Other
**Product:** TellyMate
**Author:** Nigel Batten
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A1: T1=2N3904, D3/D4=1N4007 should work, see Microcarl's My_LCD project at AvRFreaks