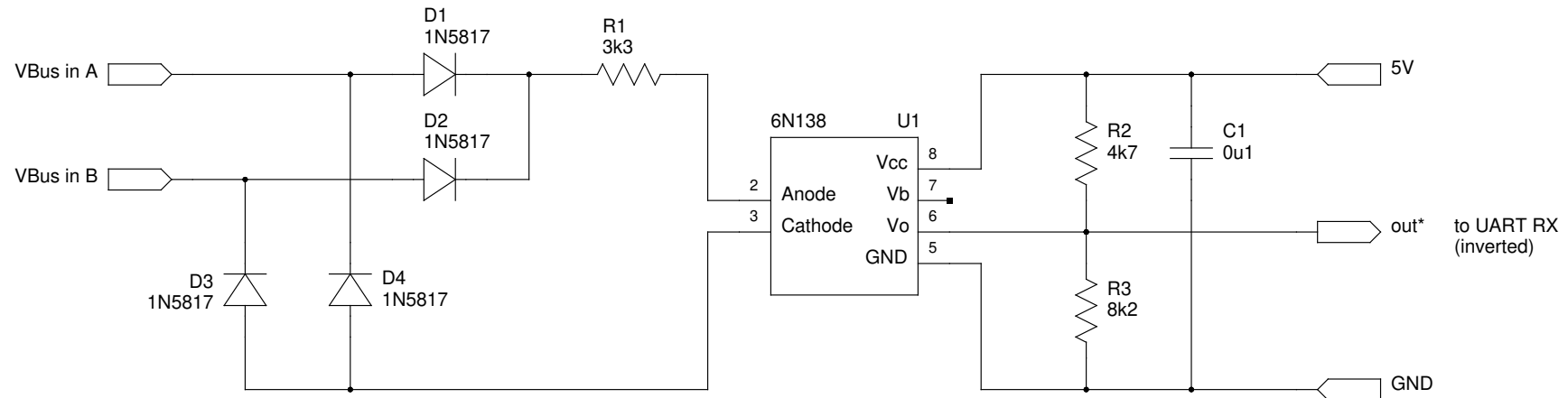


Notes:

- a) R3 only required for 3.3V logic. It can be omitted for 5V logic
- b) The output is inverted. If your UART can not handle an inverted signal you have to use an inverter
- c) Certain 6N138 can not operate from 3.3V (but I had it in my collection).
A 3.3V compatible substitute would be the H11L1M for instance which is better in mostly every aspect and features a schmitt trigger pulse restauration



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