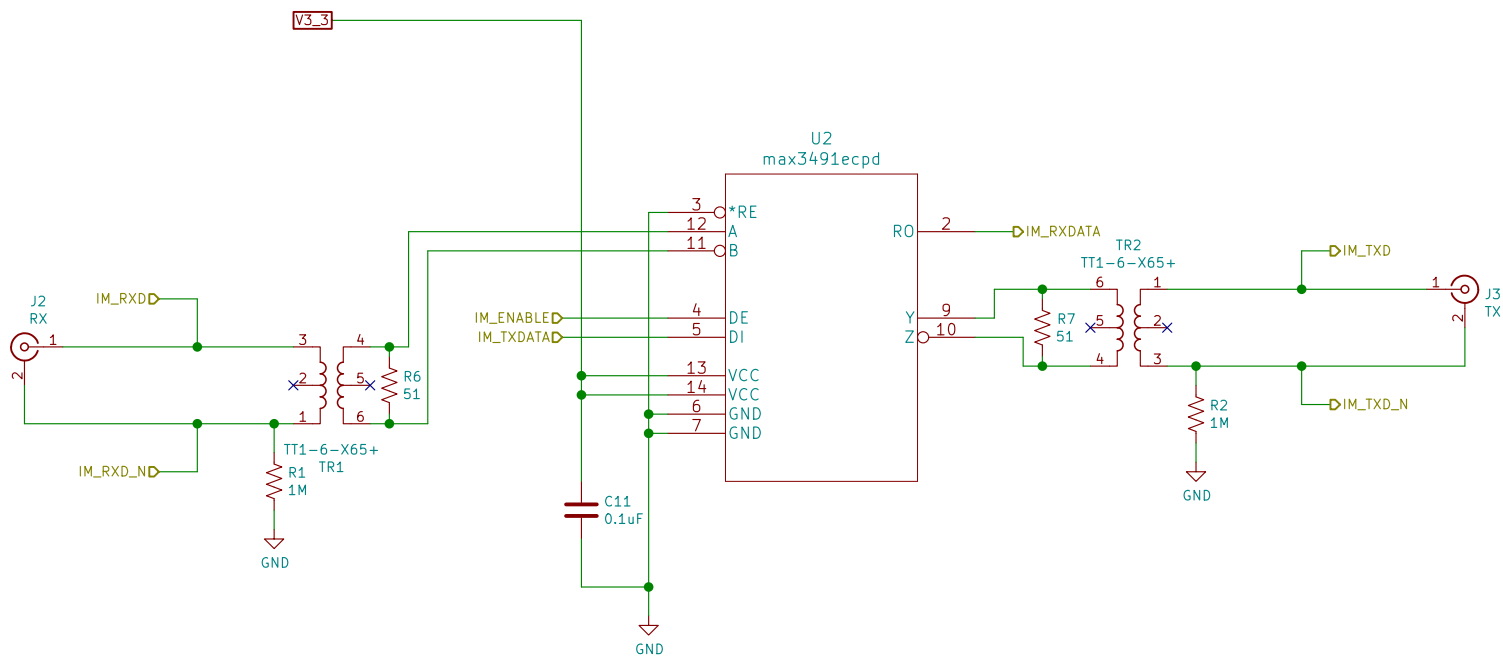


Title: DDCMP Framer

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Note:

1. This entire page (the integral modem feature) is optional and may be left unpopulated if the feature is not needed.
2. Recommended part for TR1, TR2 is Mini-Circuits TT1-6-X65+. See doc/kicad.md for a discussion of alternative parts.

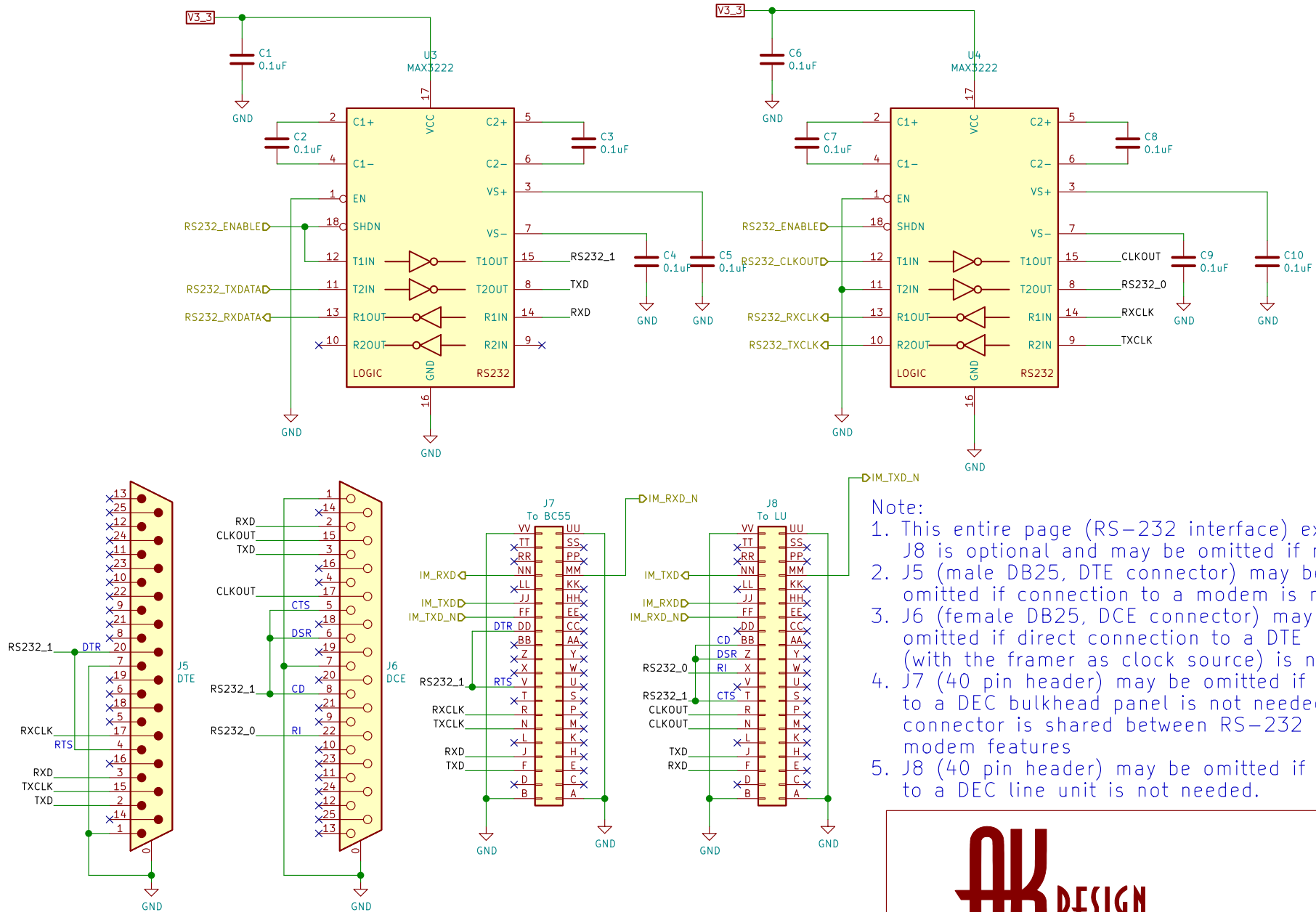


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Note:

1. This entire page (RS-232 interface) except for J7, J8 is optional and may be omitted if not needed.
2. J5 (male DB25, DTE connector) may be omitted if connection to a modem is not needed.
3. J6 (female DB25, DCE connector) may be omitted if direct connection to a DTE (with the framer as clock source) is not needed.
4. J7 (40 pin header) may be omitted if connection to a DEC bulkhead panel is not needed; this connector is shared between RS-232 and integral modem features
5. J8 (40 pin header) may be omitted if connection to a DEC line unit is not needed.

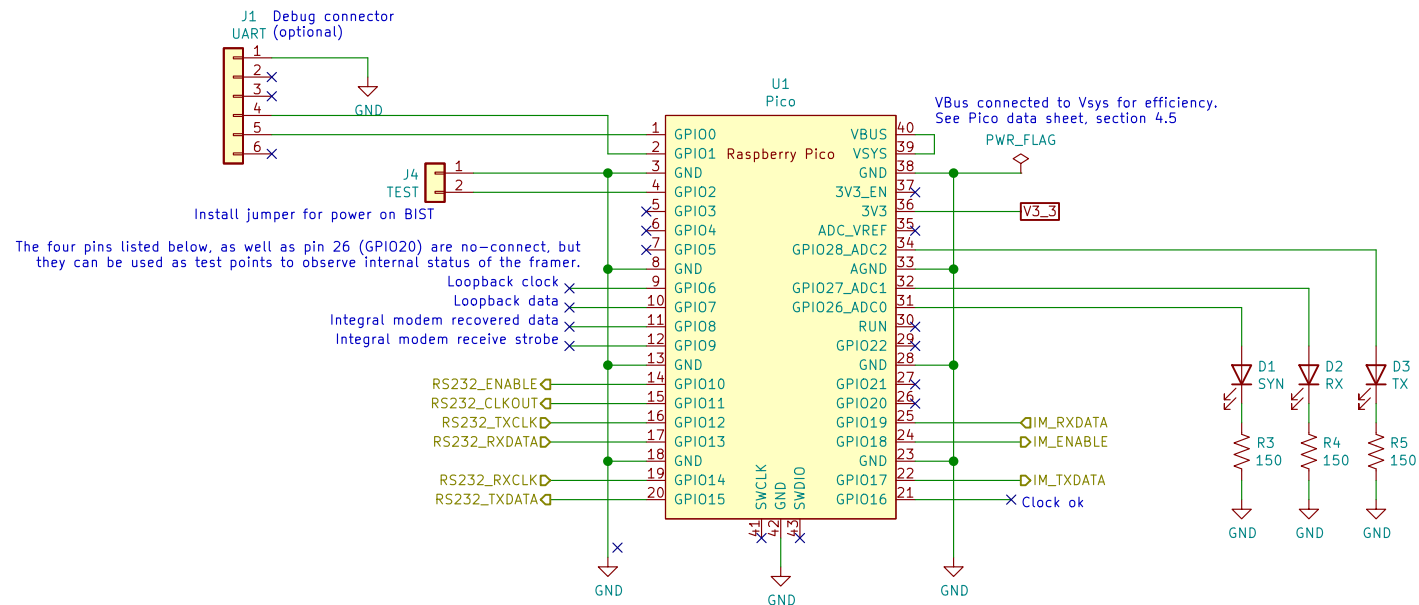


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Note:

1. J1 can be omitted if the debug UART is not needed.
2. J4 can be omitted if power on BIST is not needed.
3. D1, D2, and/or D3 and R3, R4, and/or R5 can be omitted if the corresponding indicator is not needed.



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