



Note: Only populate one of RCU420 or INA137. Optional 600Ω terminating resistor. Install only with INA137.

Note: R6, R17, and R18 should be low PPM/C resistor (100 PPM/C or smaller. Should be 1% tolerance or better.

Install either the 270 resistors (and Uref Pot) OR the DRU134, but not all of them.

Note: R1, R7, R12, R13, R14, R16, R25 and R28 should be low PPM/C resistors (50 PPM/C or smaller). Should be 1% tolerance or better. Expensive, but better solution is to use 0.1%/25 PPM/C resistors (these are quite expensive, typically \$1.5 - \$4 each).

Best solution is to use a DIP resistor package for these 8 resistors. Use Vishay TDP16032002AUF (16-pin DIP resistor array), or equivalent. Not cheap, but very stable.

Relays K1A and K1B are overlaid allowing the use of either an SPDT or DPDT relay in the system (SPDT handles more current).

Relay is energized when NO TRIP conditions; this is the fail-safe mode of operation.

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