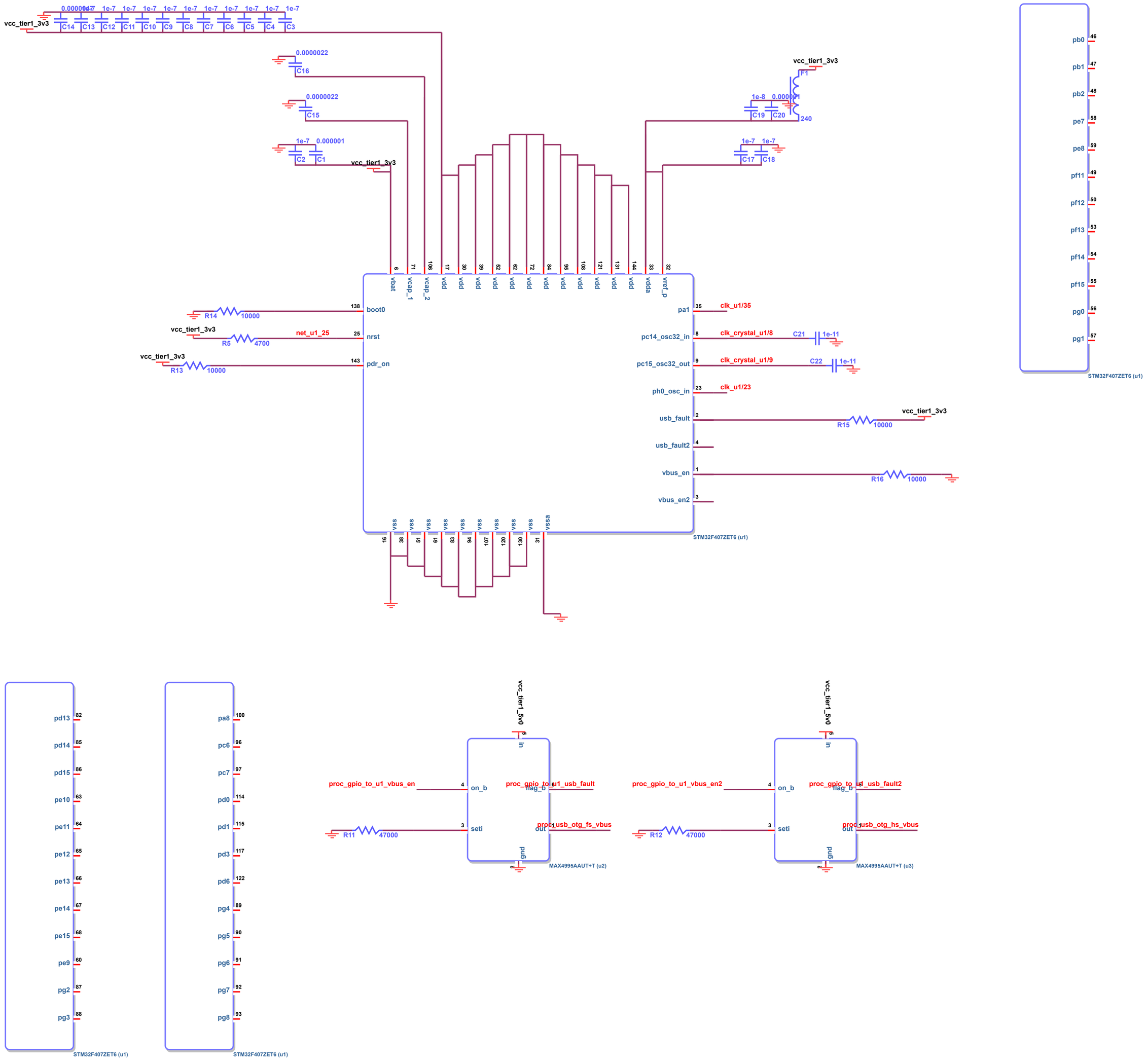
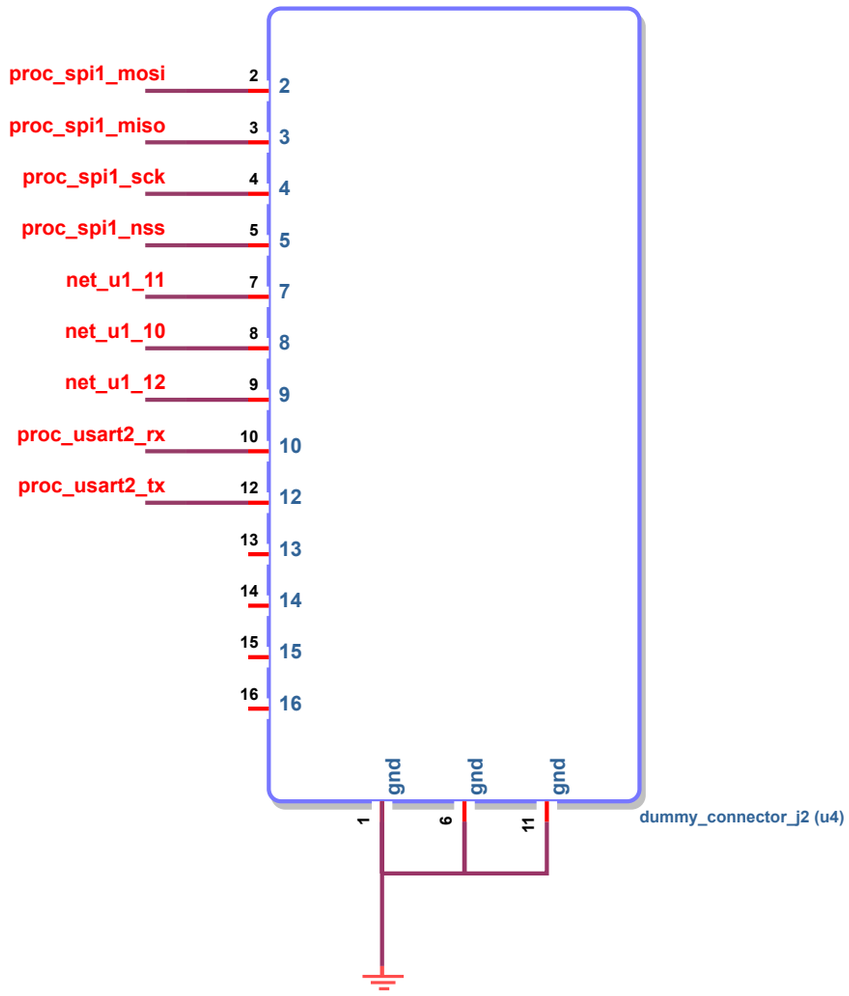
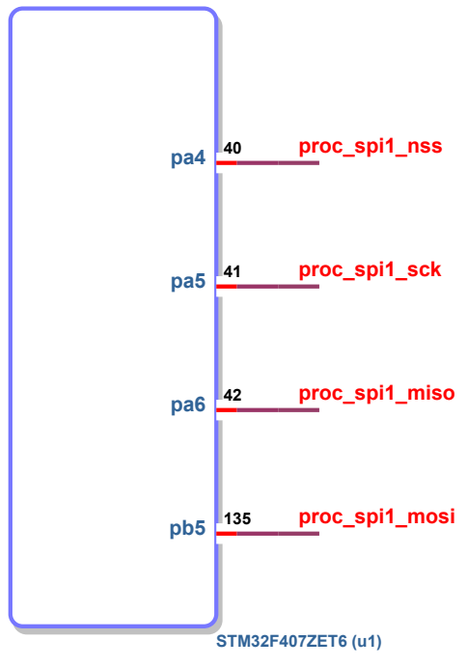
ARM Cortex-M4 512KBbyte Flash Controller -With Custom Options - (Enable use of osscilator for high speed clock Mode) (Enable use of crystal for low speed clock Mode) (Industrial Temperature Grade)

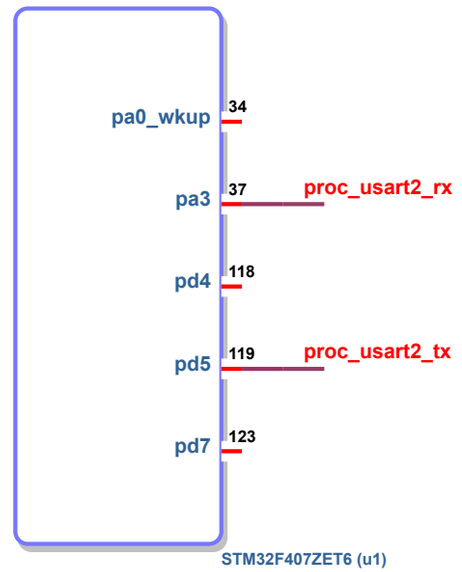


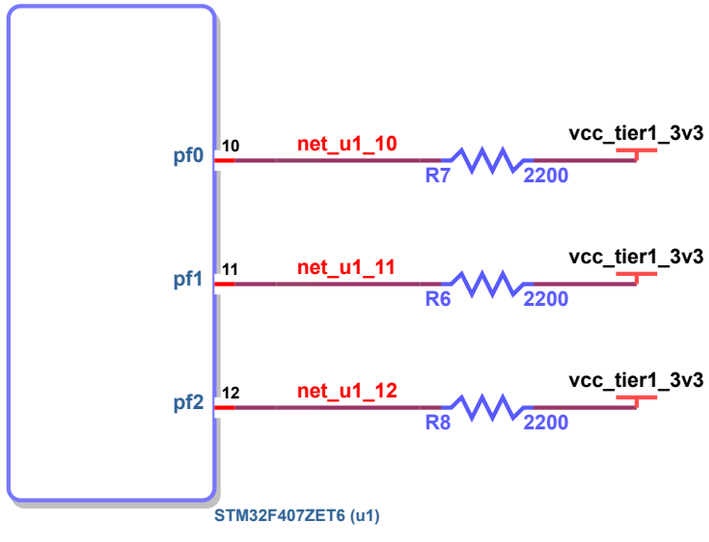
circuit-tree.com

Replace with your Part later



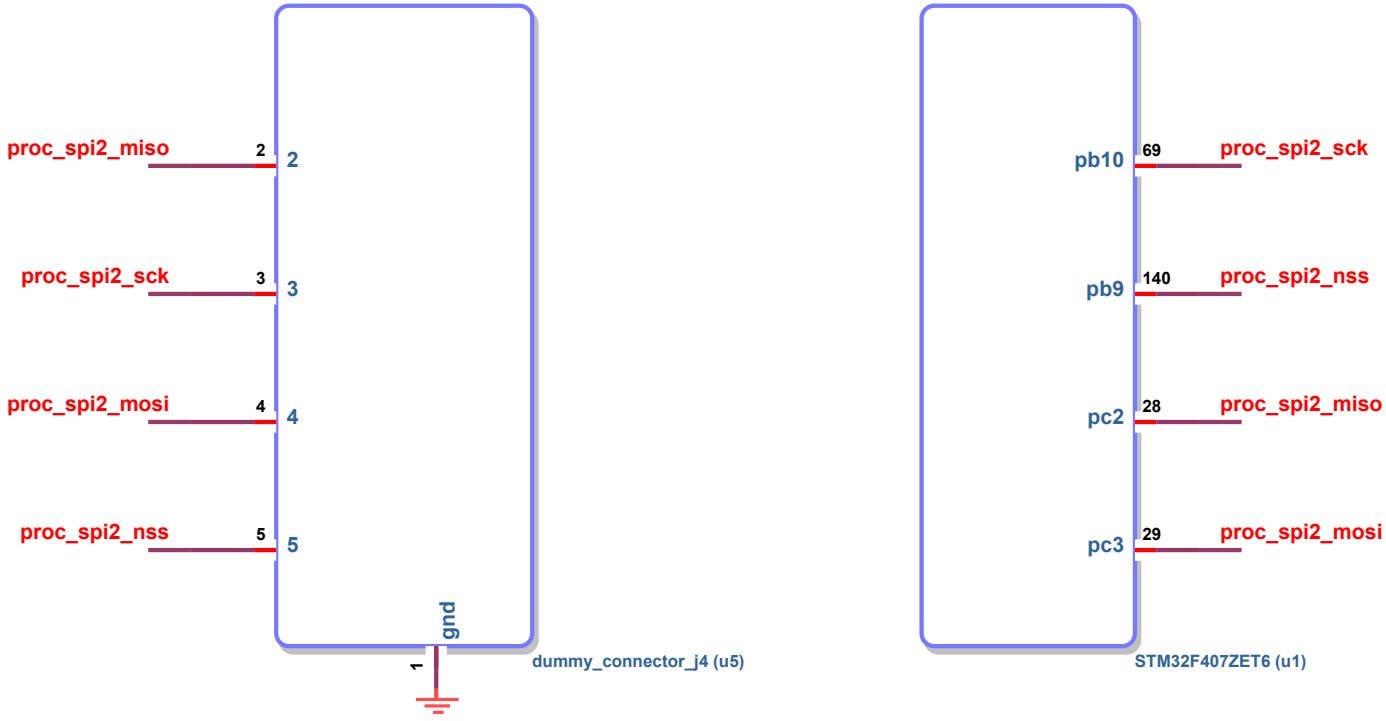






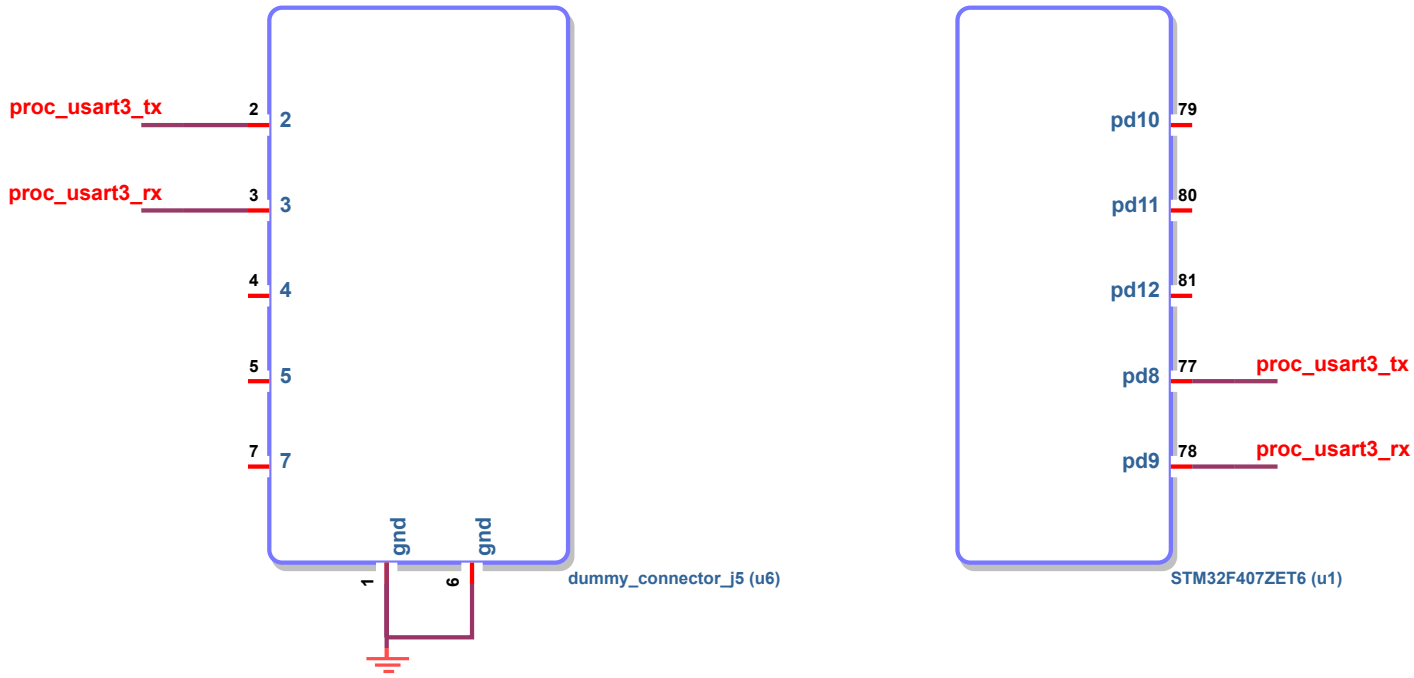
circuit-tree.com

Replace with your Part later



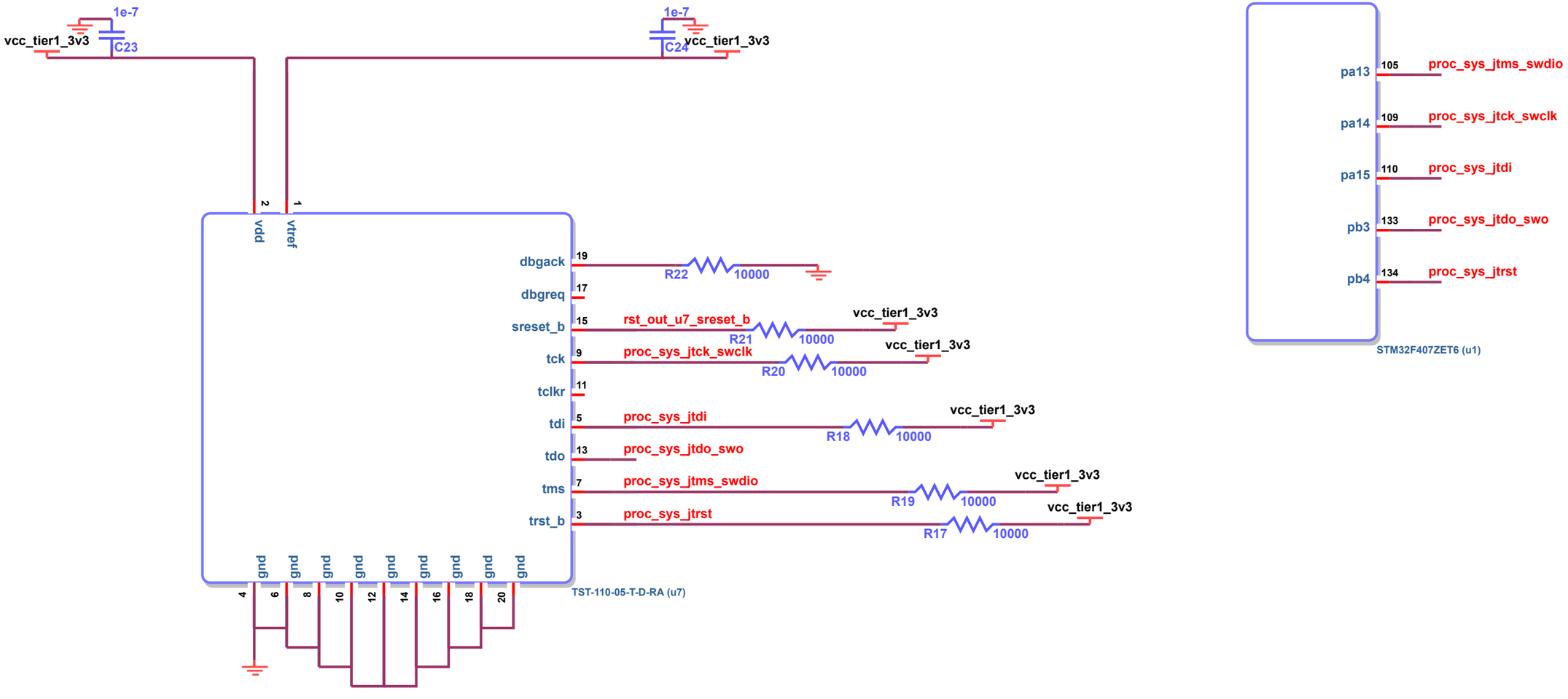
circuit-tree.com

Replace with your Part later



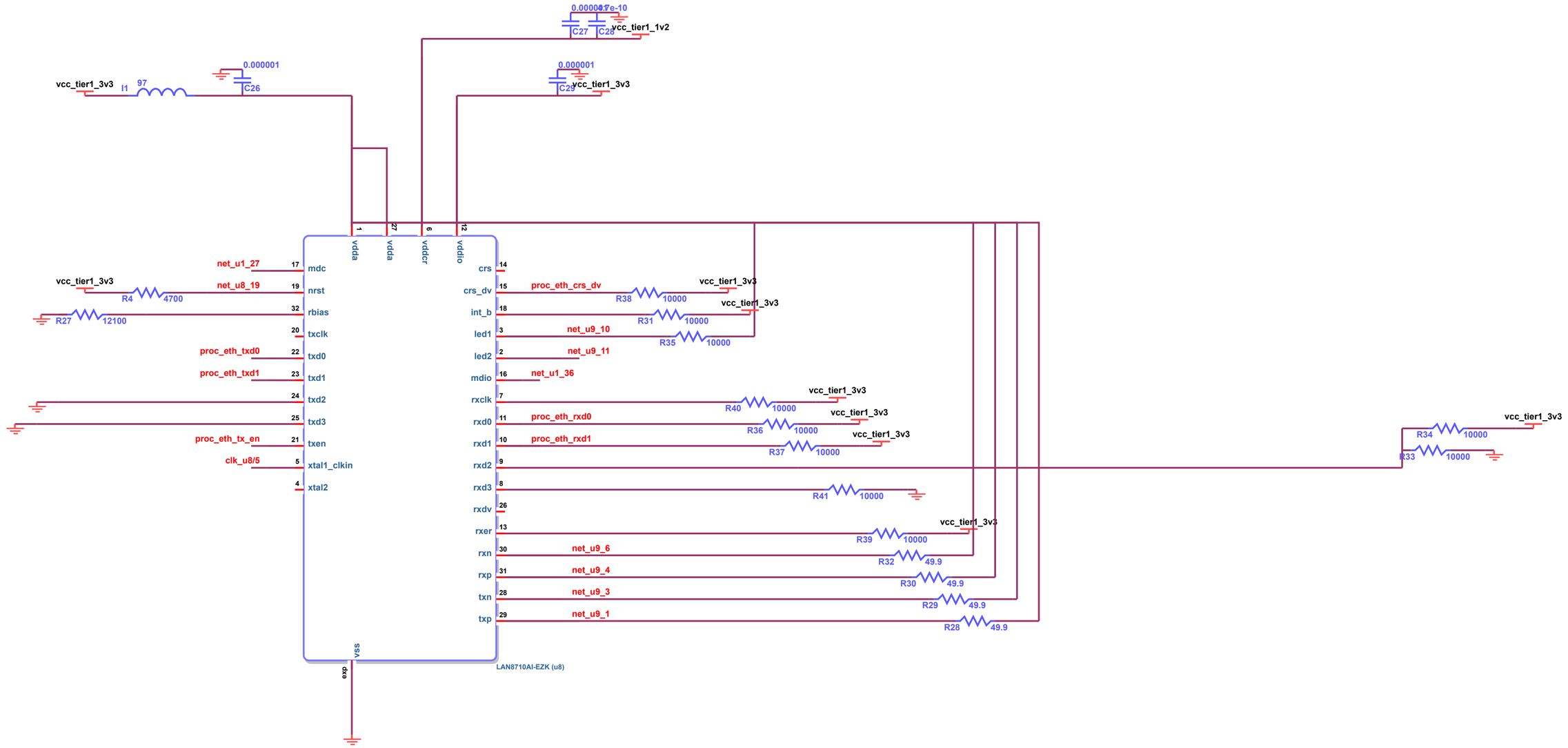
circuit-tree.com

DStream Header, Shrouded 0.050 (1.27mm) 2 rows 10 Pins



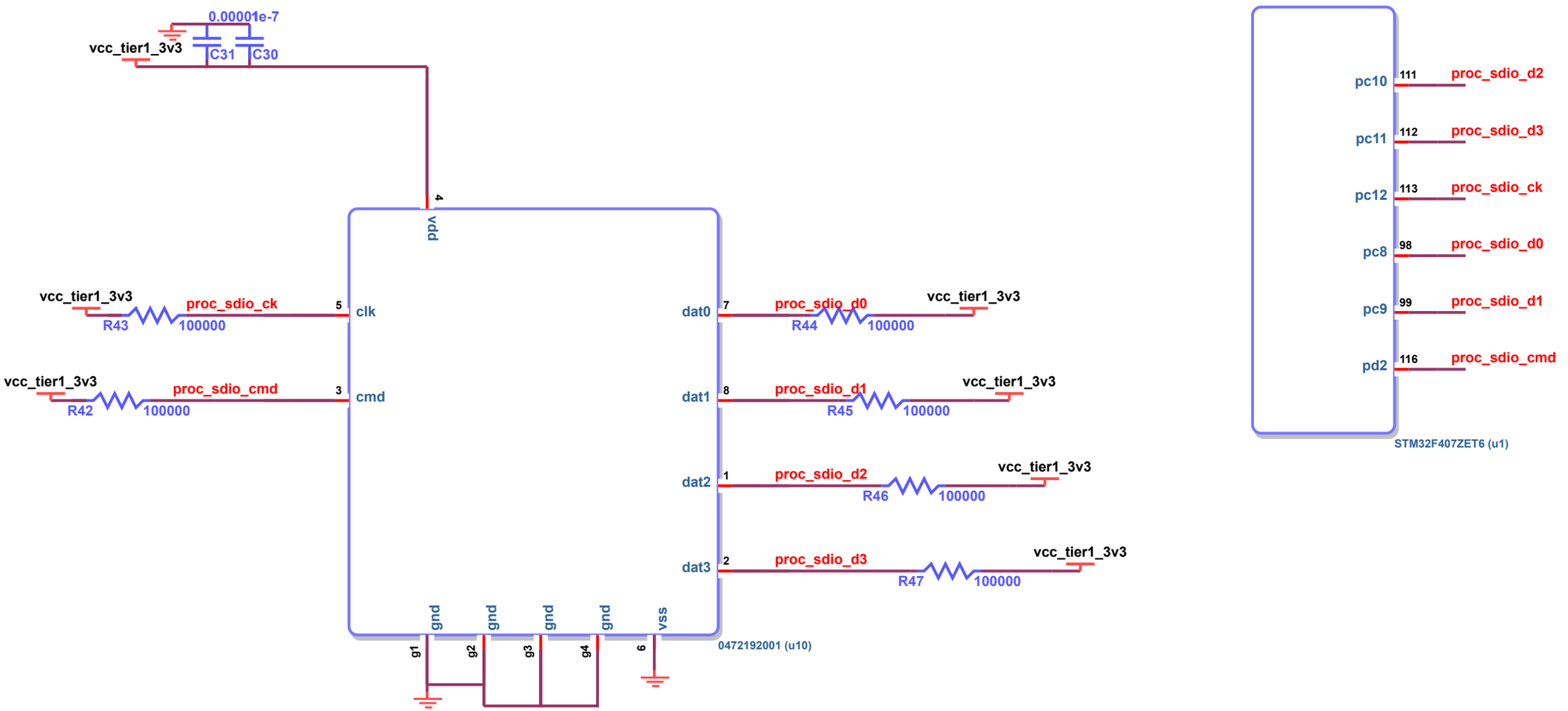
circuit-tree.com

Ethernet transceiver with Rj45 having Integrated Magnetics -With Custom Options - (Enable All the Bus Mode for the ethernet Phy) (Choose external clock) (Disable Internal Regulator) (Choose MDC Bus address as 0x03)



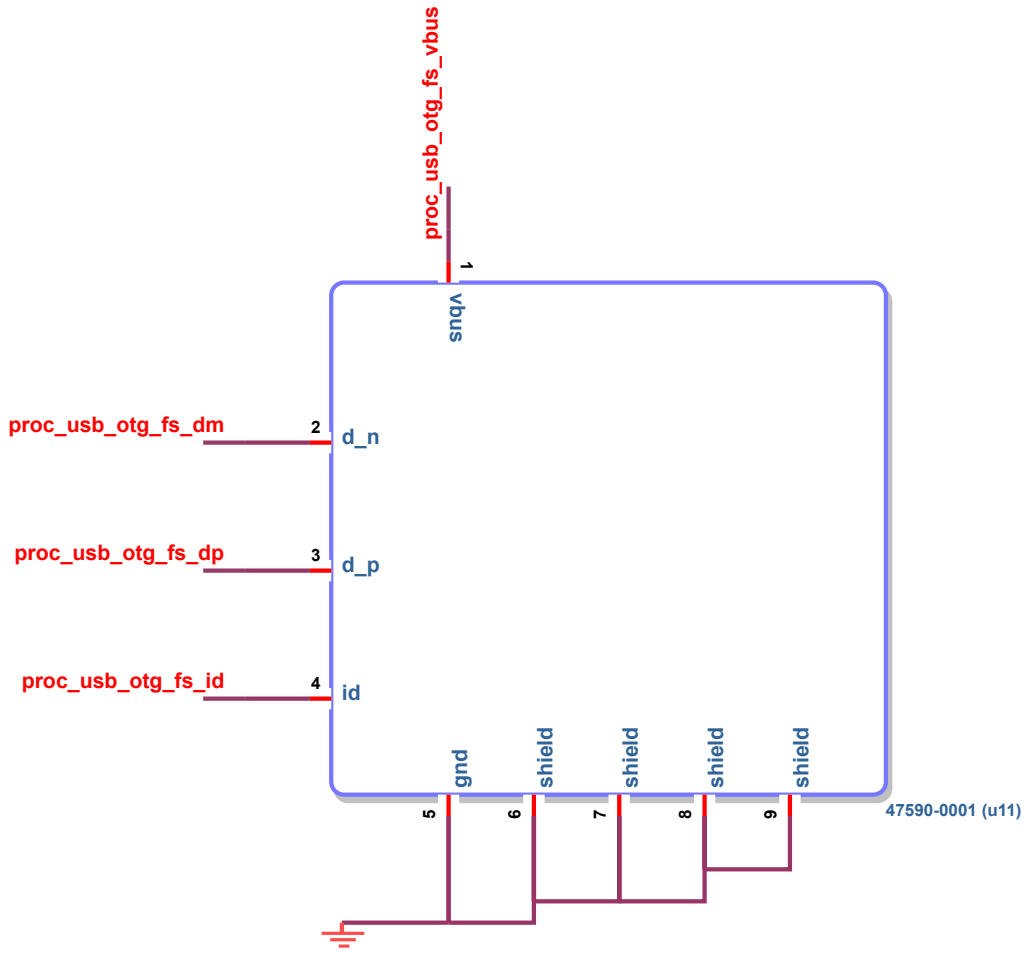
circuit-tree.com

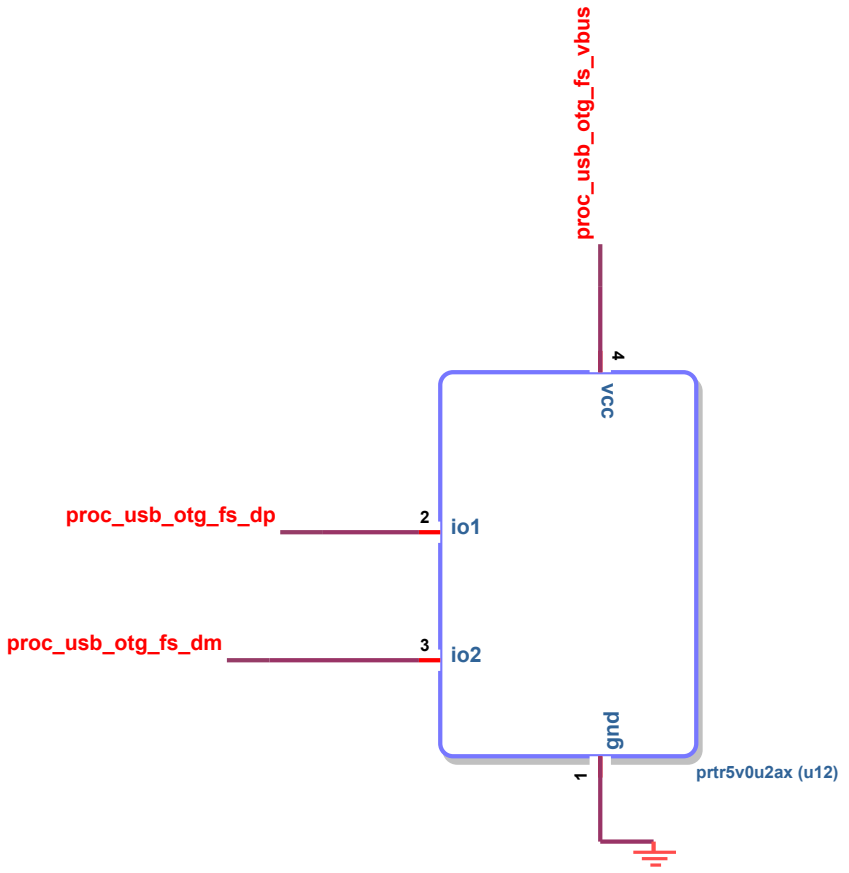
micro SD Card connector

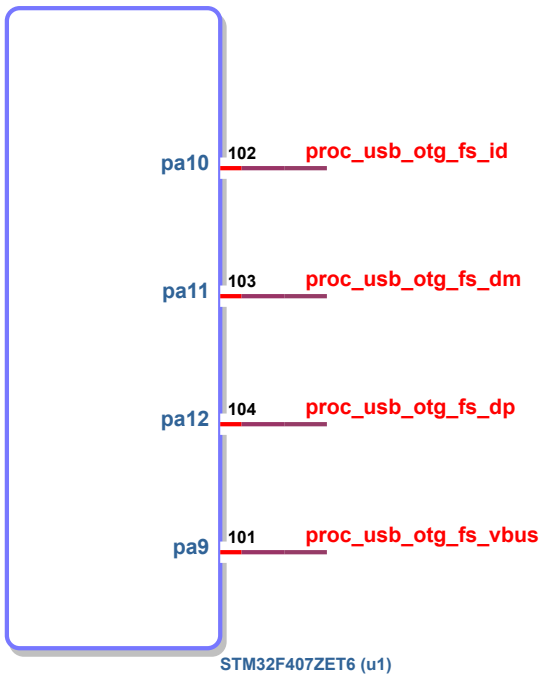


circuit-tree.com

USB Micro AB connector with ESD diode

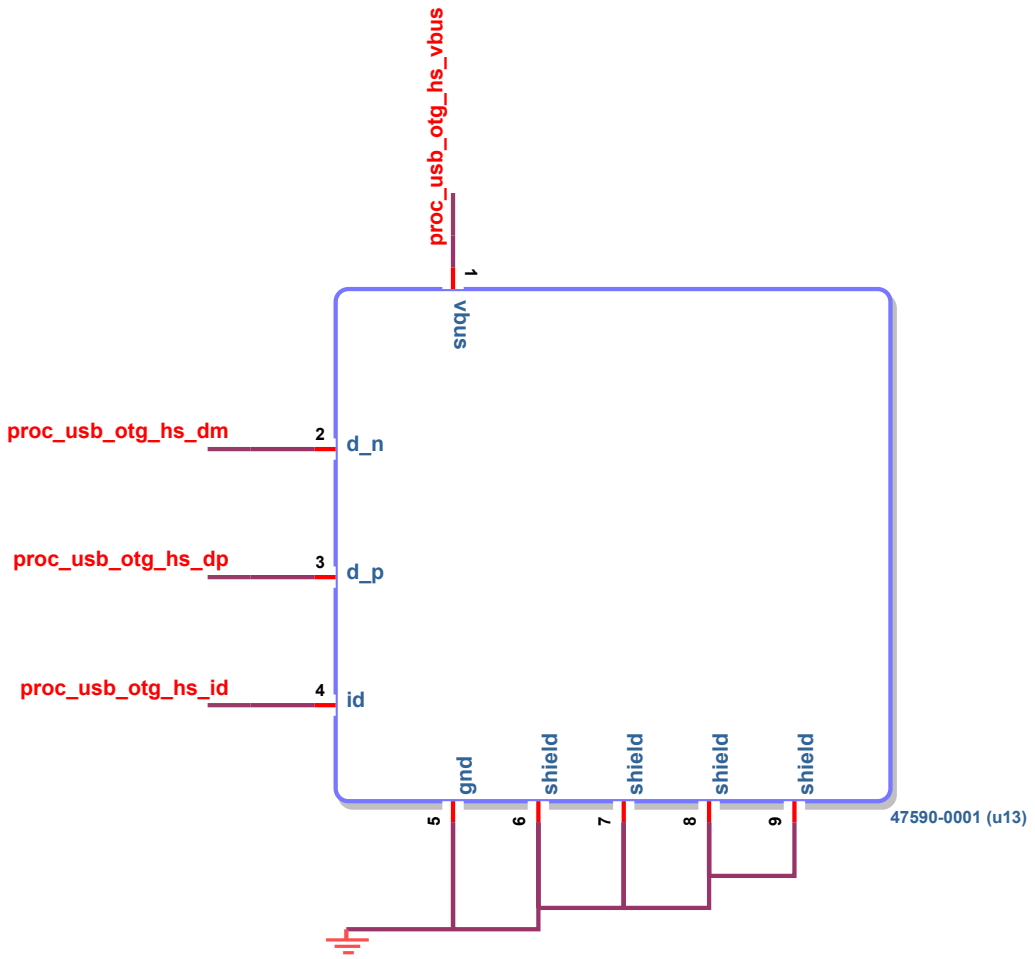


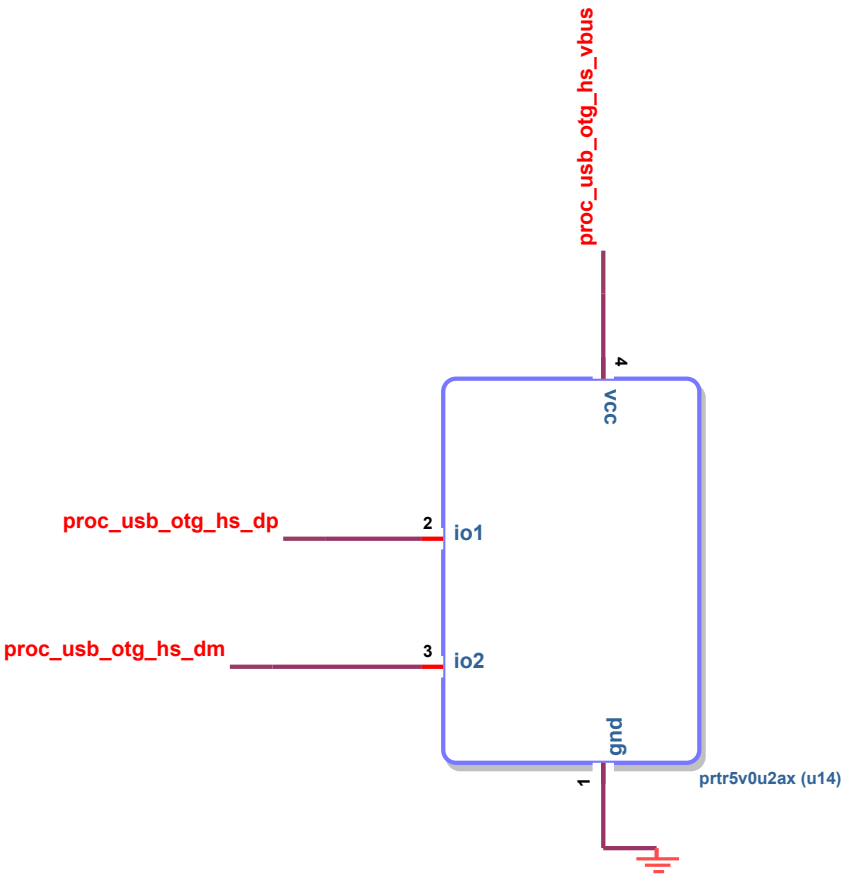


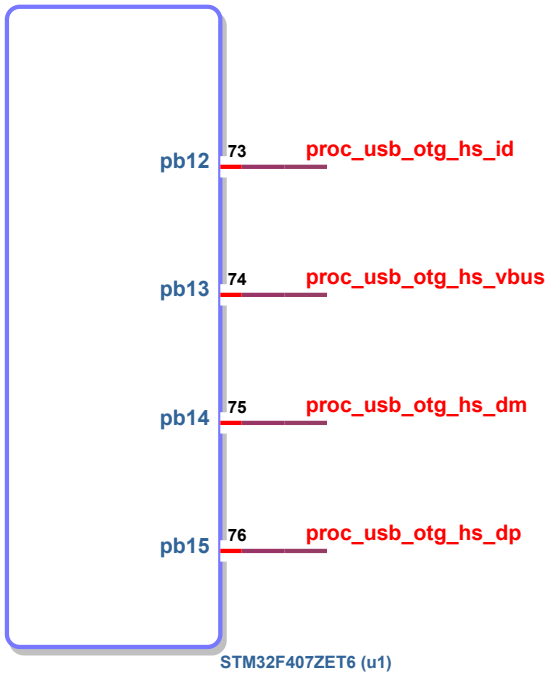


circuit-tree.com

USB Micro AB connector with ESD diode

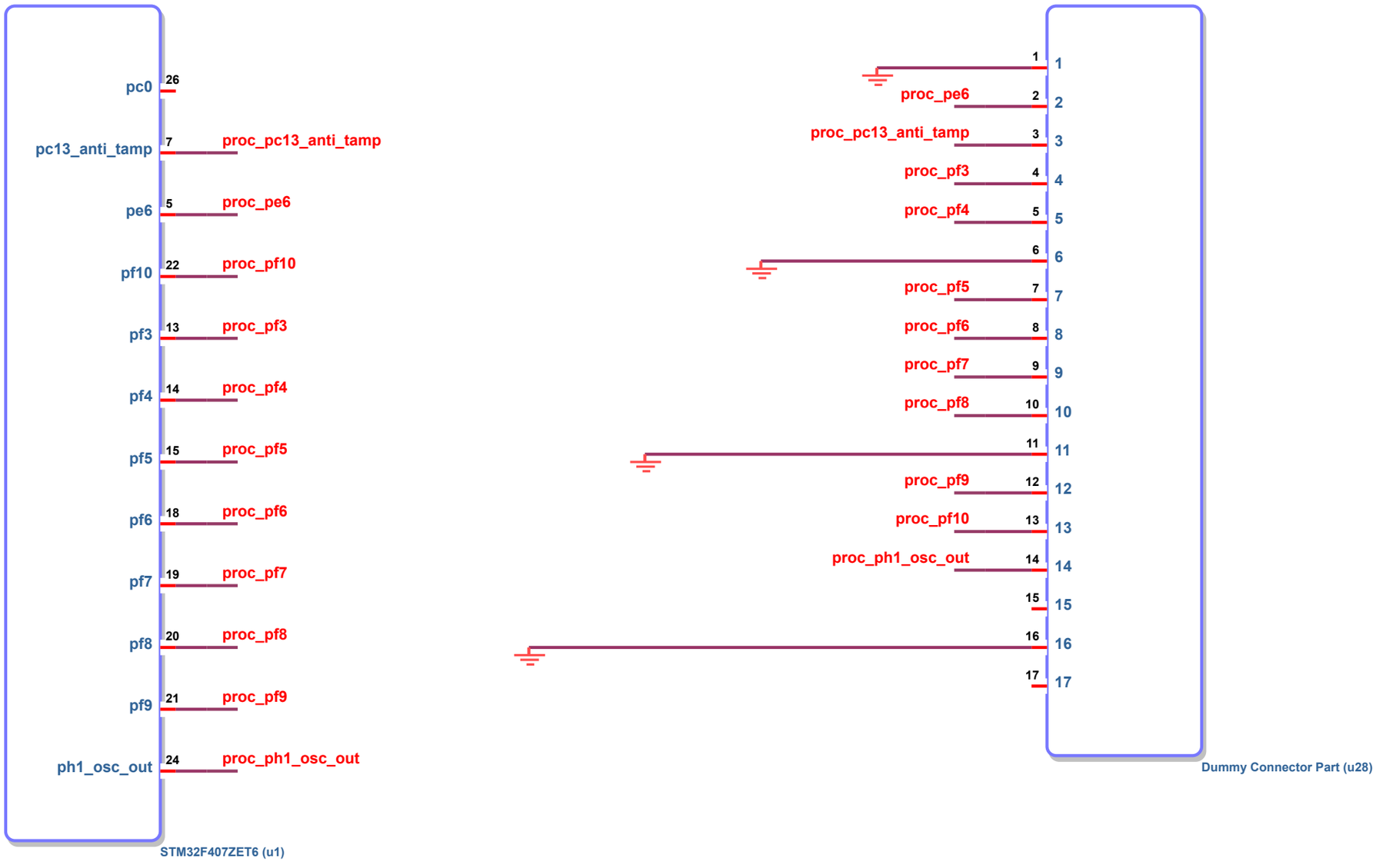






circuit-tree.com

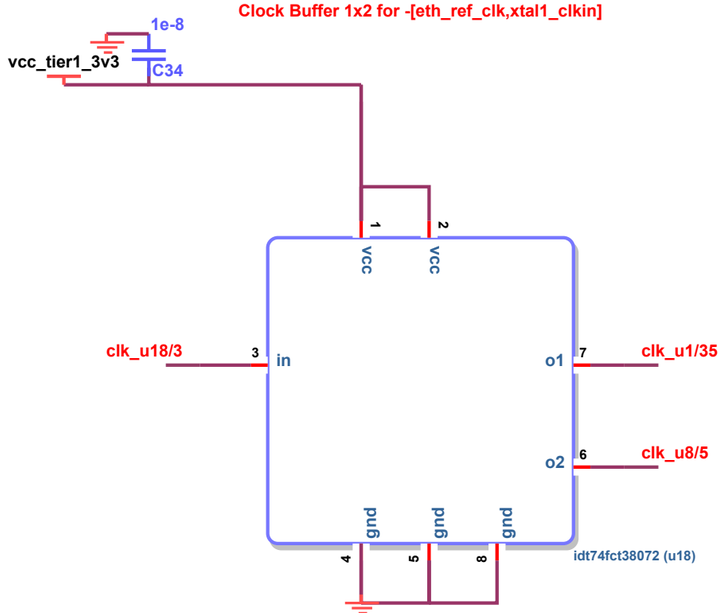
Dummy Part Connector Connections



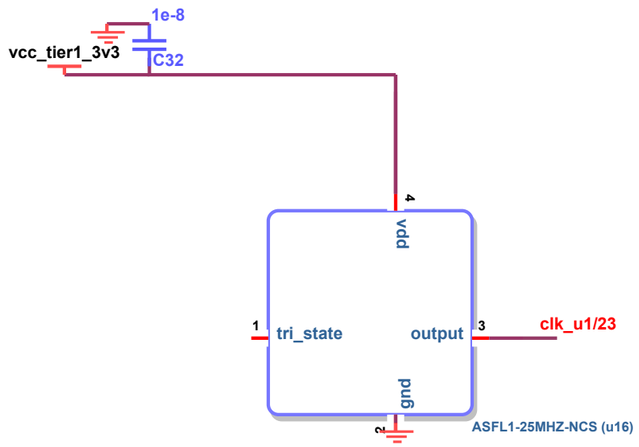
circuit-tree.com

clock_top

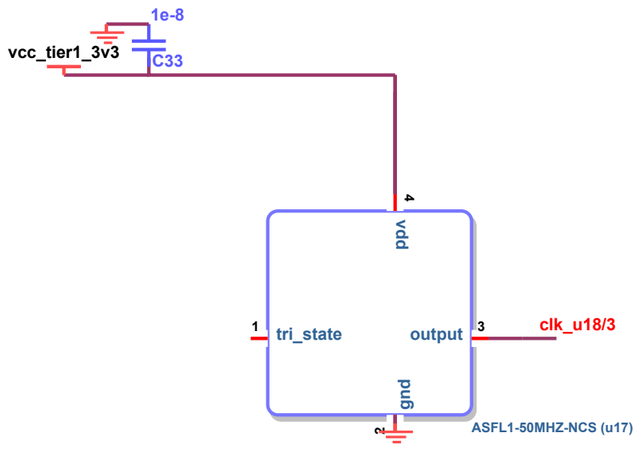
Clock Buffer 1x2 for -[eth_ref_clk,xtal1_clkin]



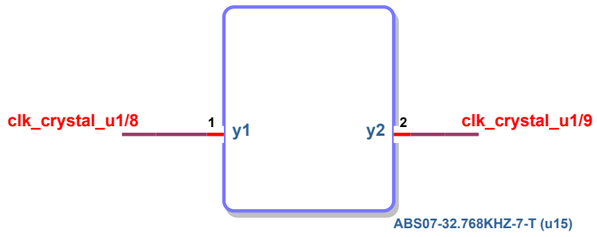
25Mhz clock oscillator for stm32f407zetx/u1 pin ph0_osc_in



50Mhz clock oscillator for idt74fct38072/u18 pin in

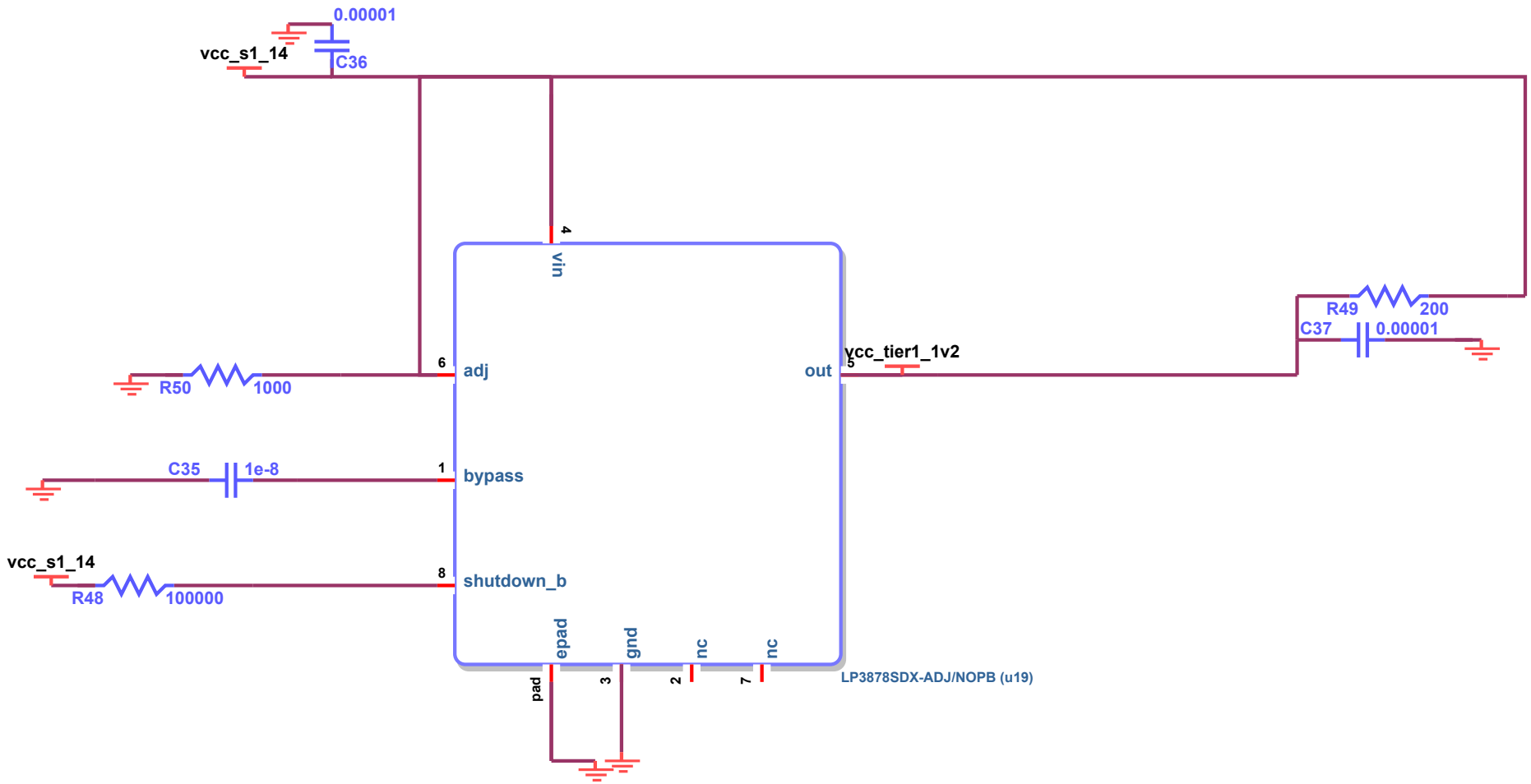


Clock Crystal 32Khz for stm32f407zetx/u1 Pins- pc14_osc32_in/pc15_osc32_out



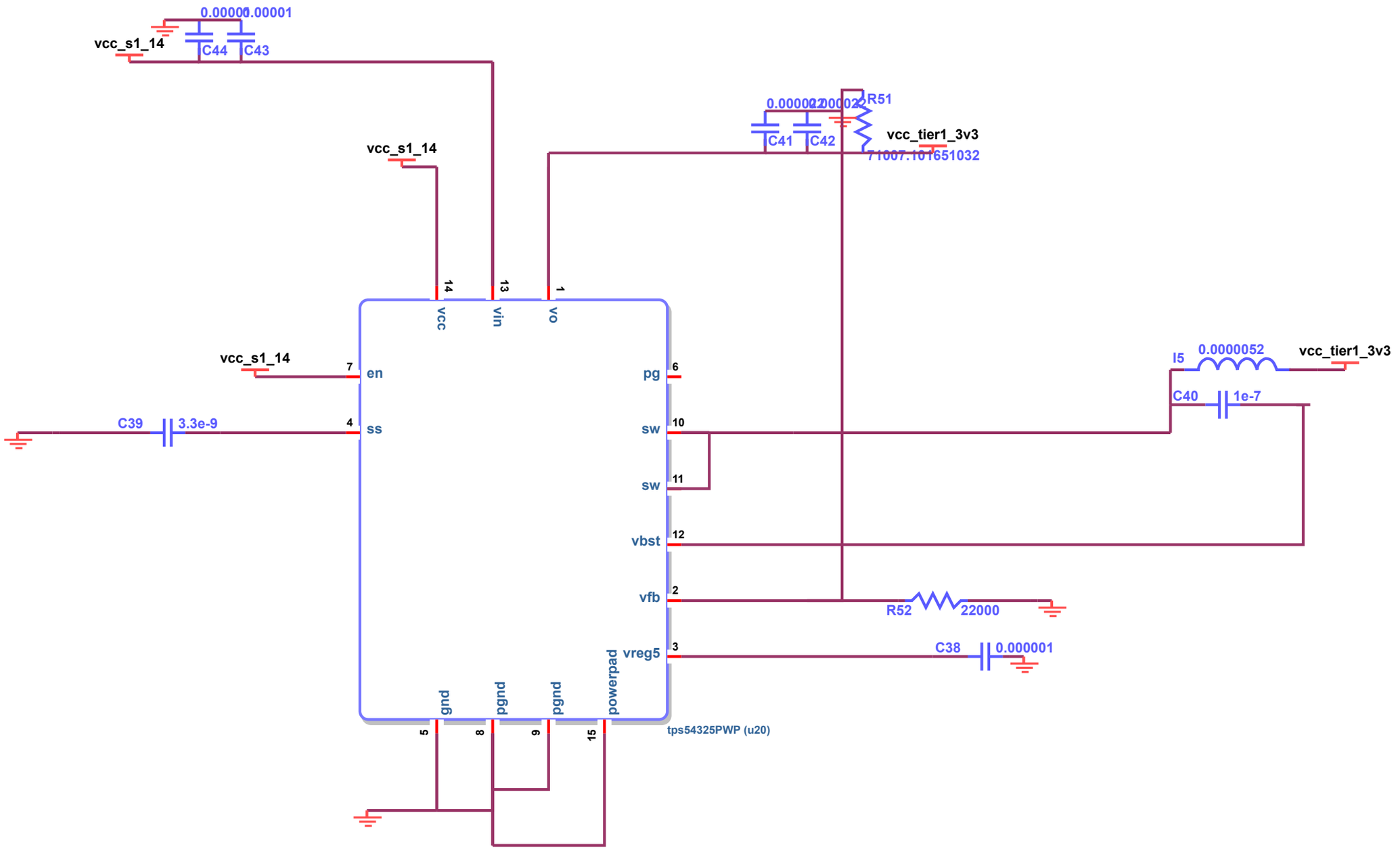
circuit-tree.com

14V to 1.2V tier1 linear regulator. Expected load 0.012 Amp



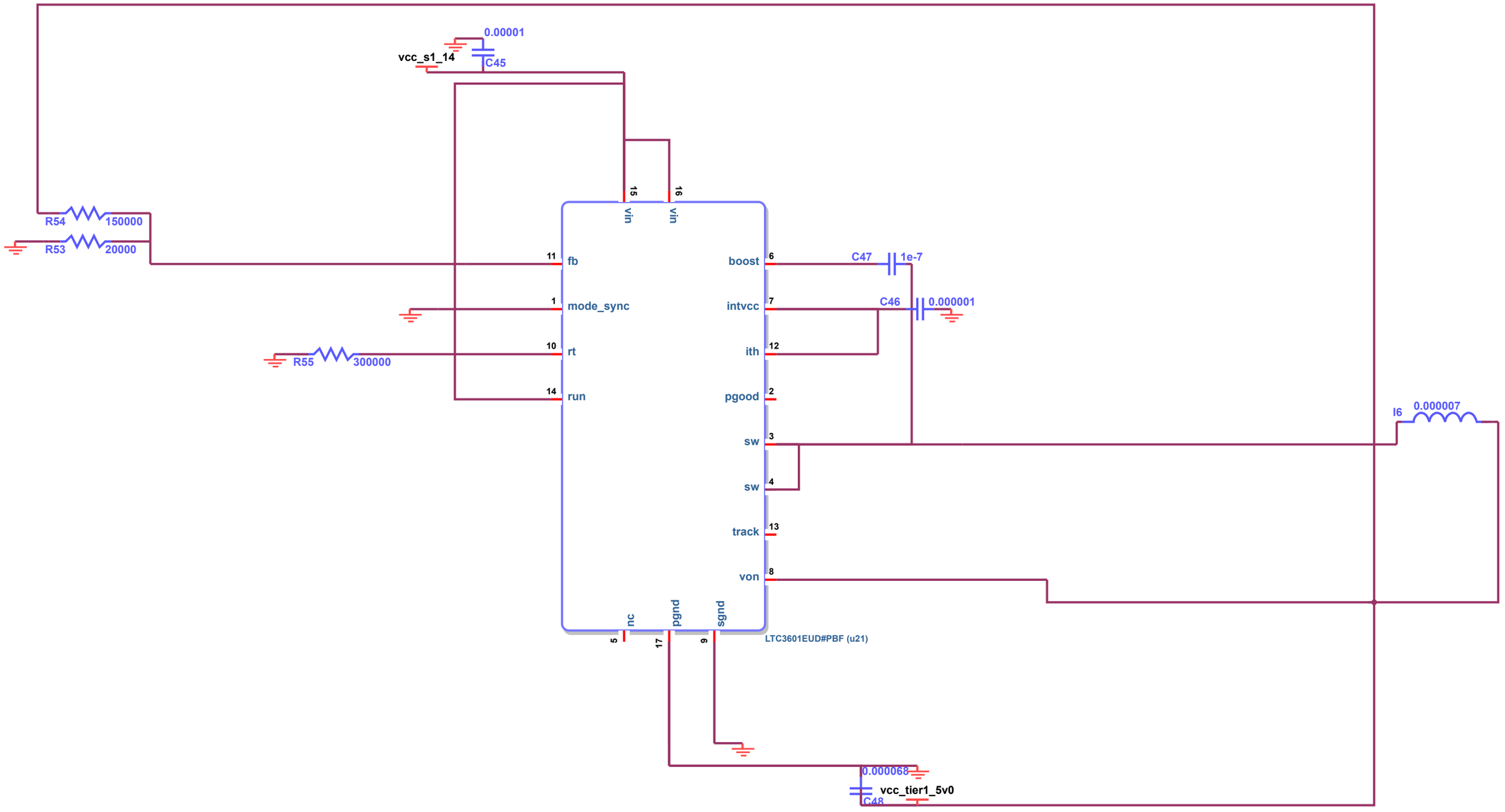
circuit-tree.com

14V to 3.3V tier1 switching regulator. Expected load 2.188 Amp



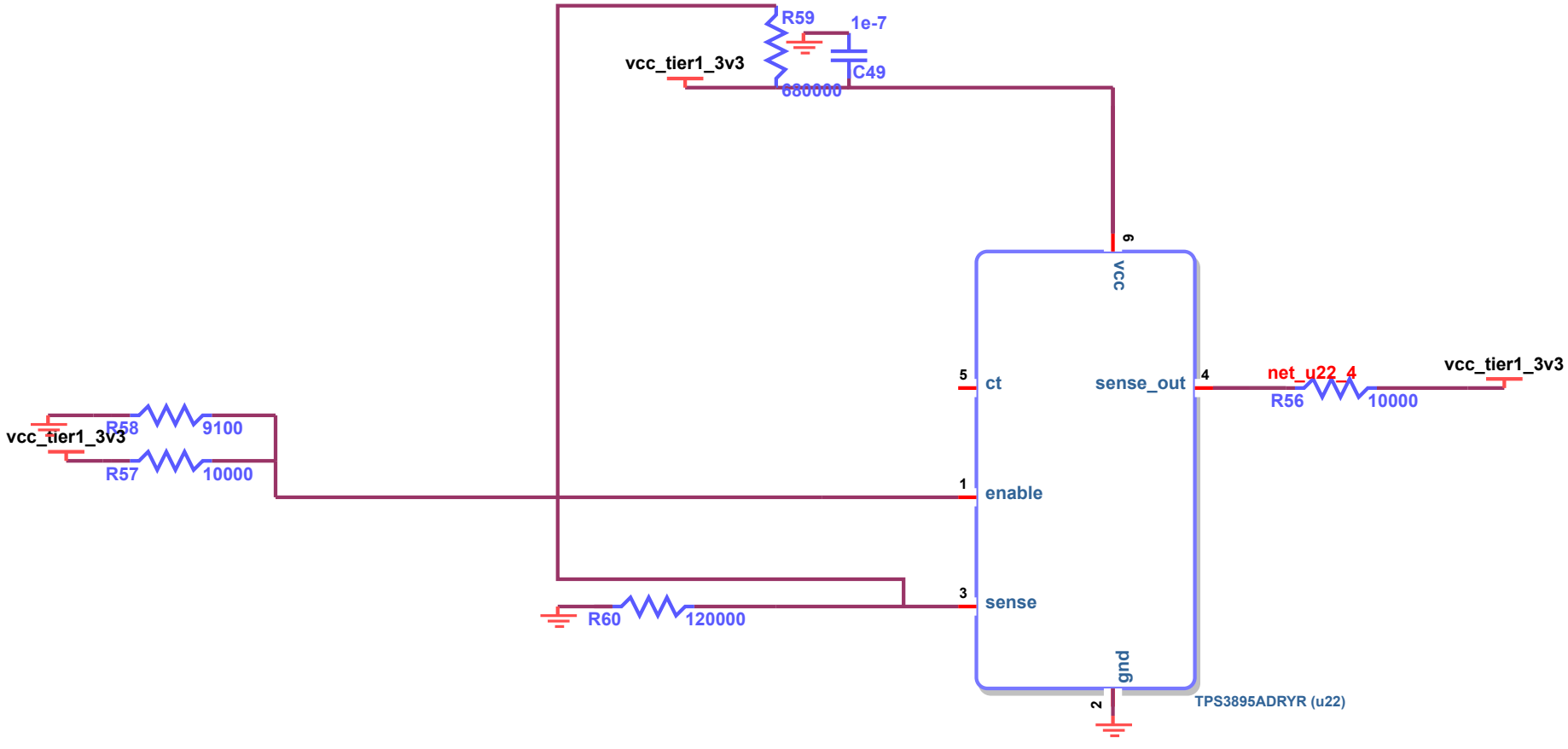
circuit-tree.com

14V to 5.0V tier1 switching regulator. Expected load 1.000 Amp



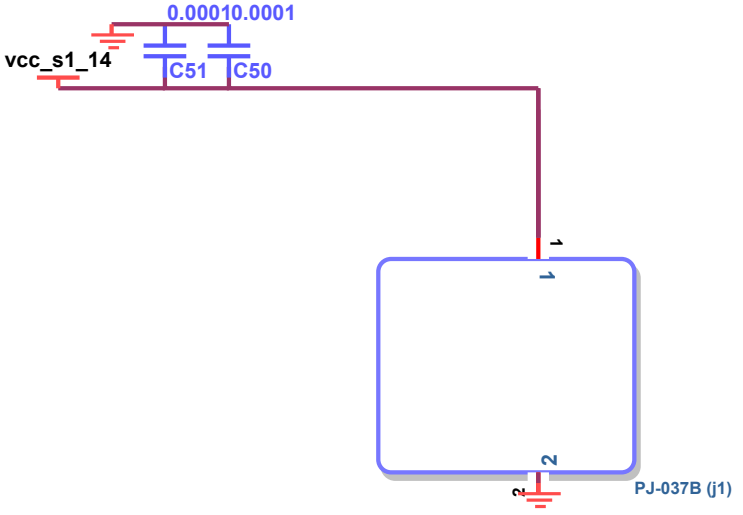
circuit-tree.com

Power Monitor and reset generator - reset interval 0.1



circuit-tree.com

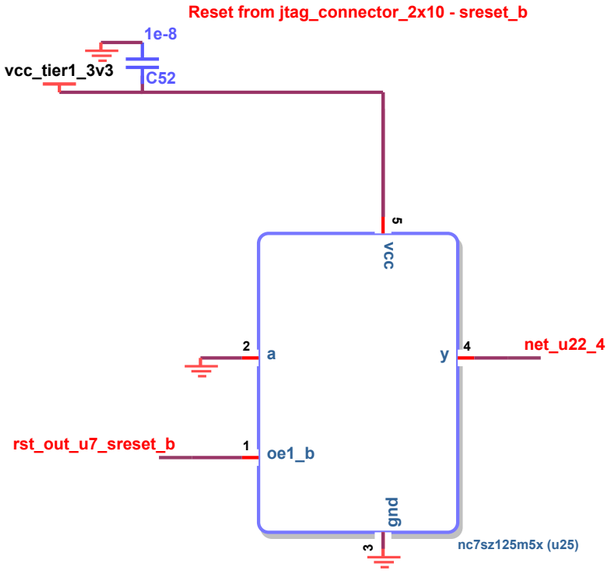
Input Power Voltage 14V Current Need 1.03A



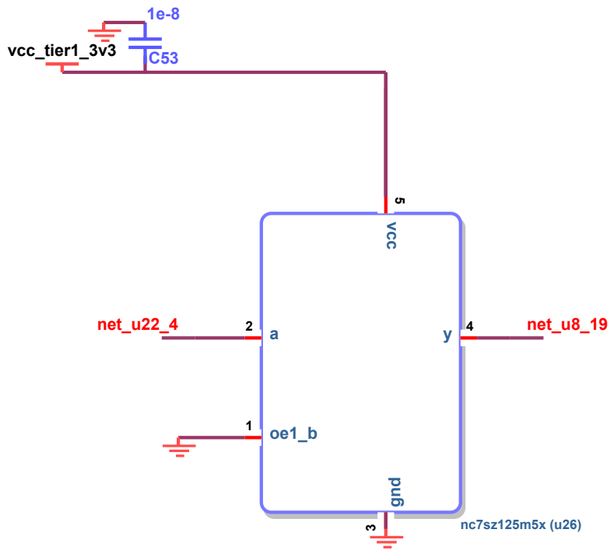
circuit-tree.com

reset_top

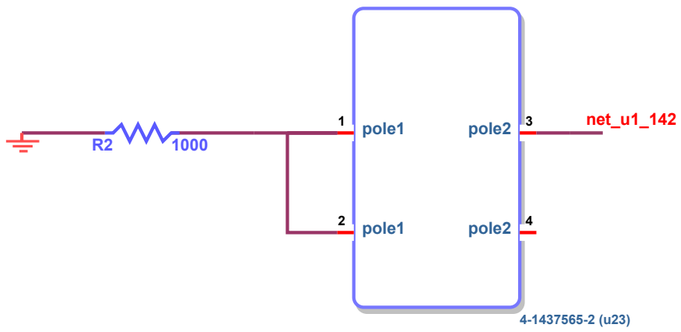
Reset from jtag_connector_2x10 - sreset_b



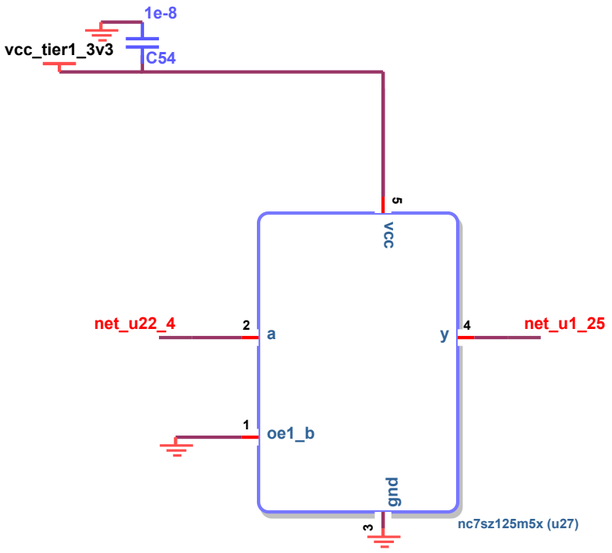
Reset for lan8710 - nrst



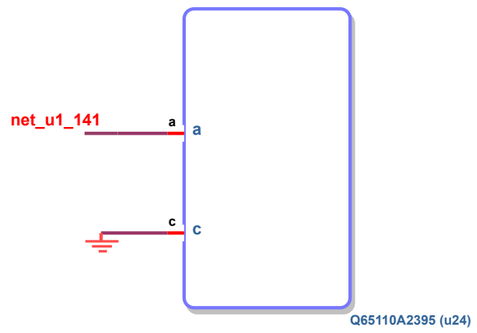
Switch for spst_switch - pe1



Reset for stm32f407zetx - nrst



Led. To switch on tristate the GPIO pin led_green - pe0



circuit-tree.com