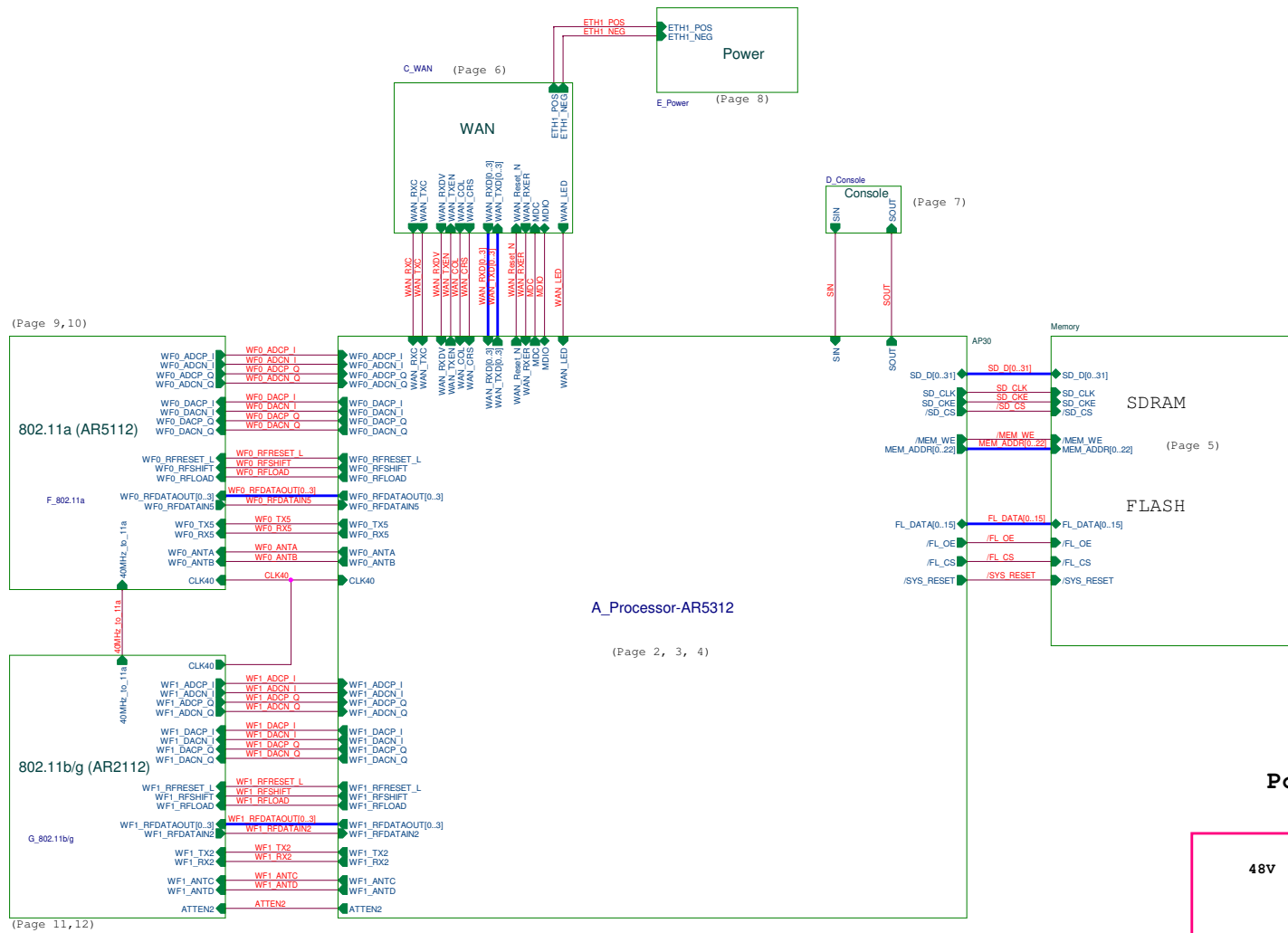


Model no.: WL-575



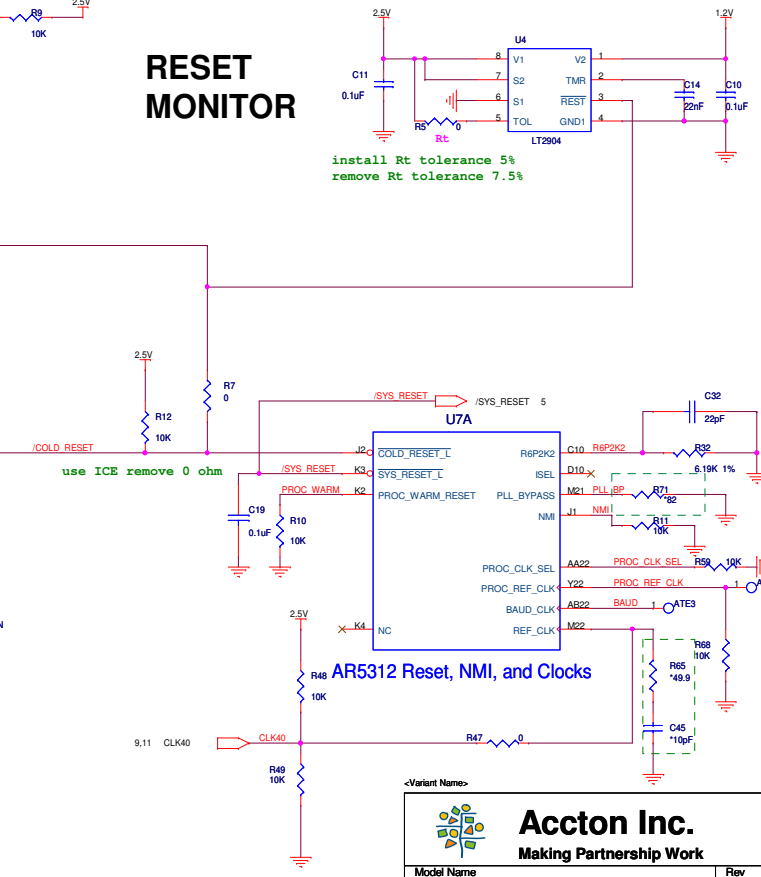
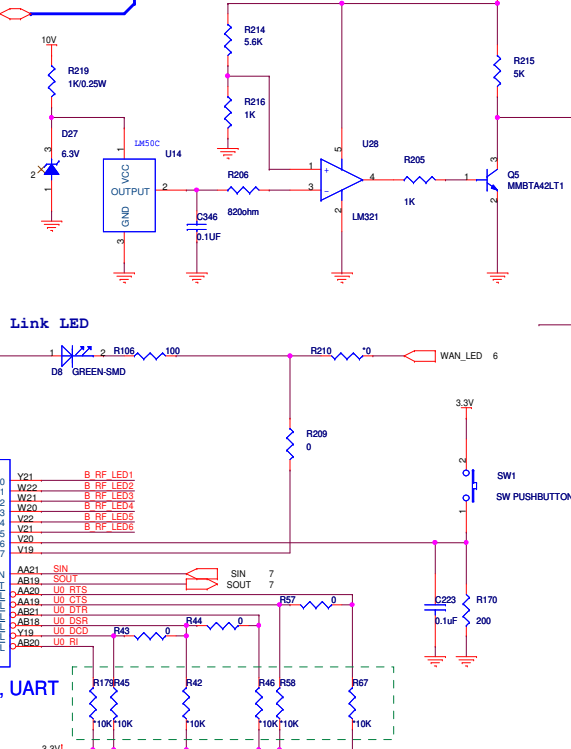
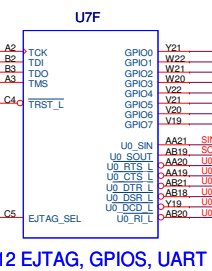
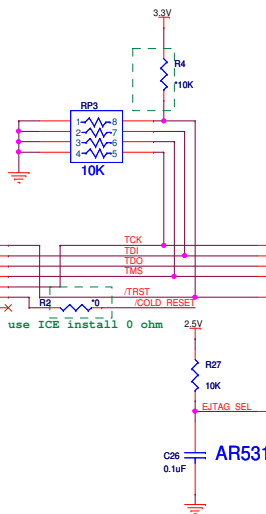
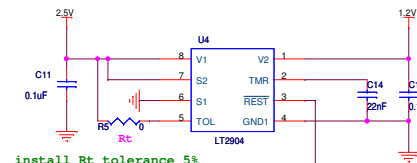
Powering Scheme

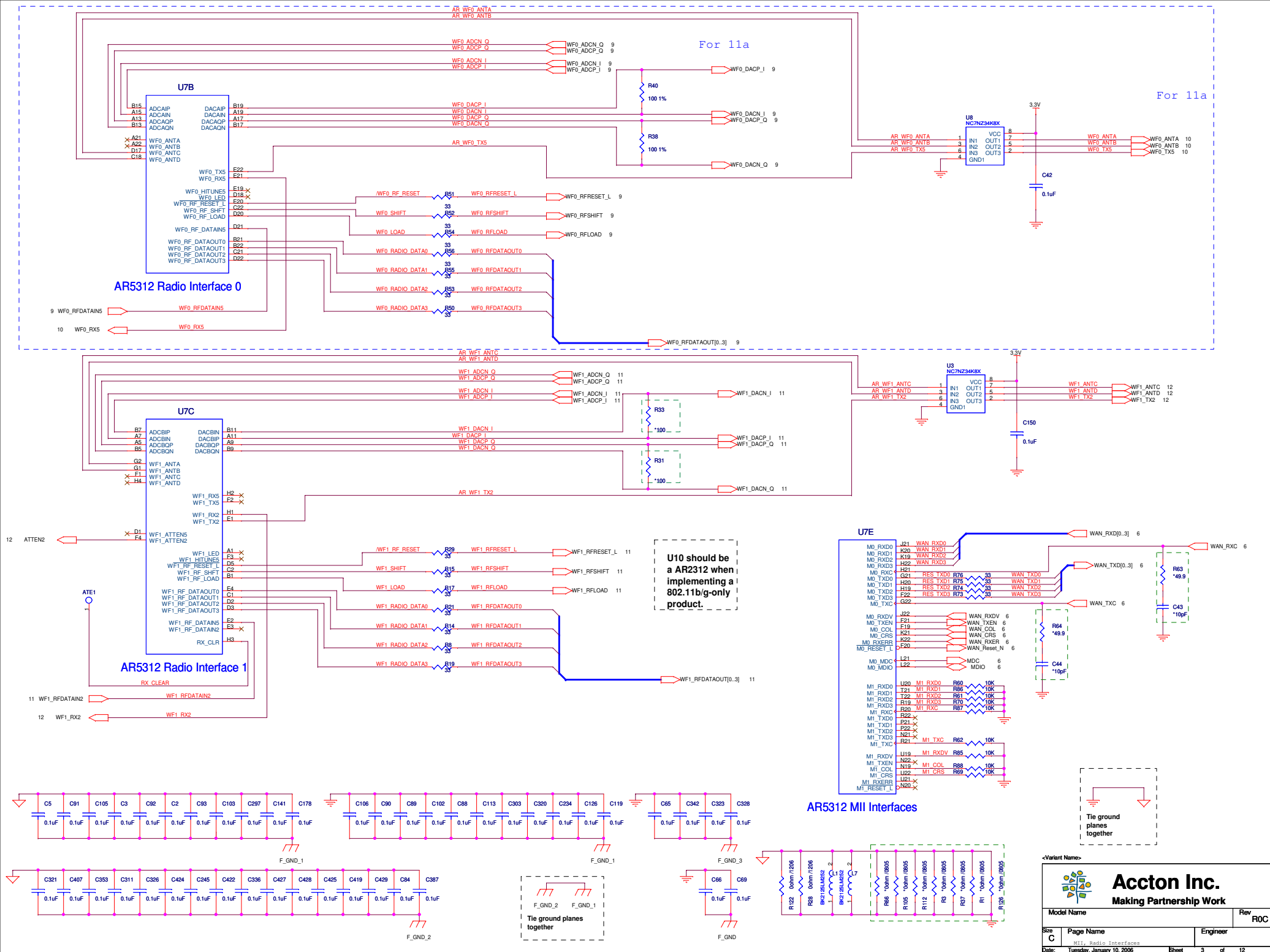
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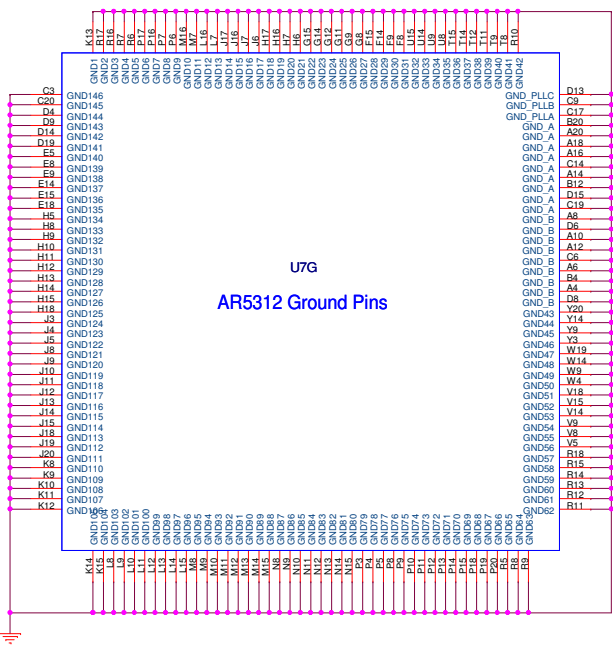
=>10V
-> 3.3V -----
=> 2.5V      =>2.5V_A
               =>2.5V_PLL
               =>1.2V =>1.2V_PLL
=> 3.3VRF_11a => 3.3V_A_11a
=> 3.3VRF_11g => 3.3V_A_11g
               => 2.5V_OSC
=> 2.5VRF_11a => 2.5V_A_11a
               => 2.5V_11a
=> 2.5VRF_11g => 2.5V_A_11g

=> 4.5V_PA_11a
=> 4.5V_PA_11g

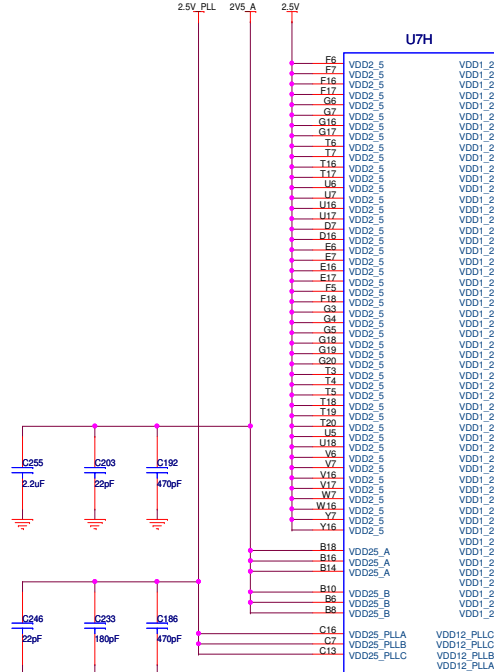
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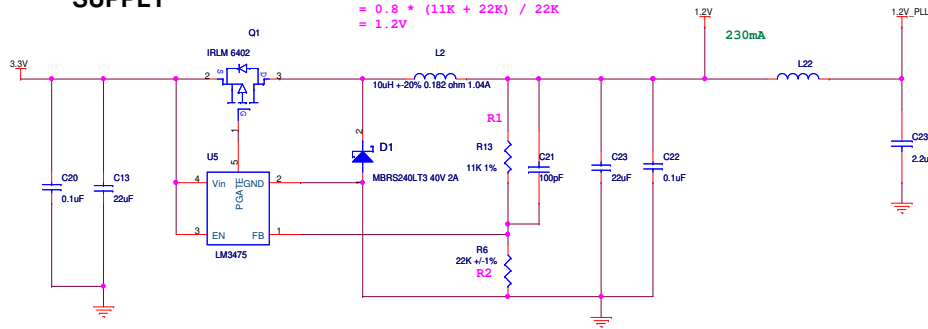
U7G
AR5312 Ground Pins



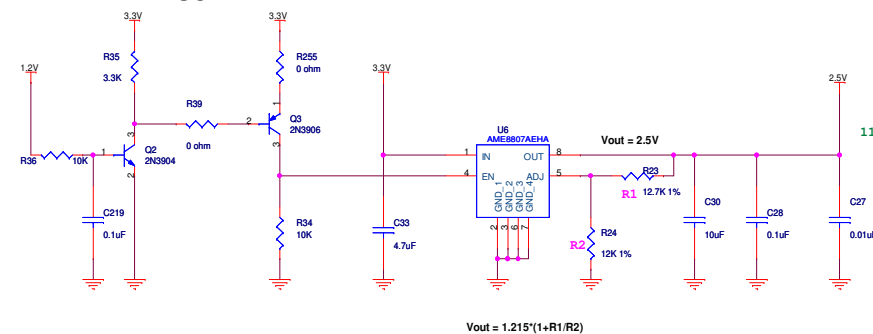
AR5312 Power Pins

+1.2V SUPPLY

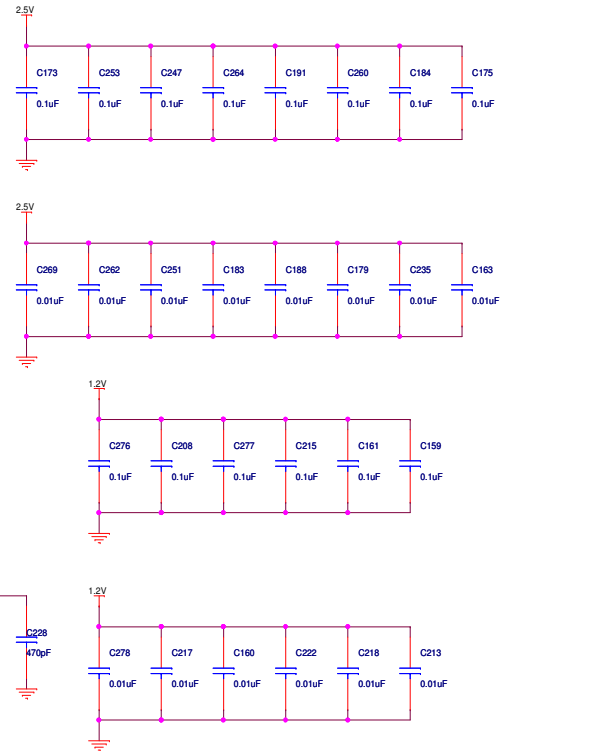
$$1.2V = V_5 * (R_2 + R_1) / R_2 = 0.8 * (11K + 22K) / 22K = 1.2V$$



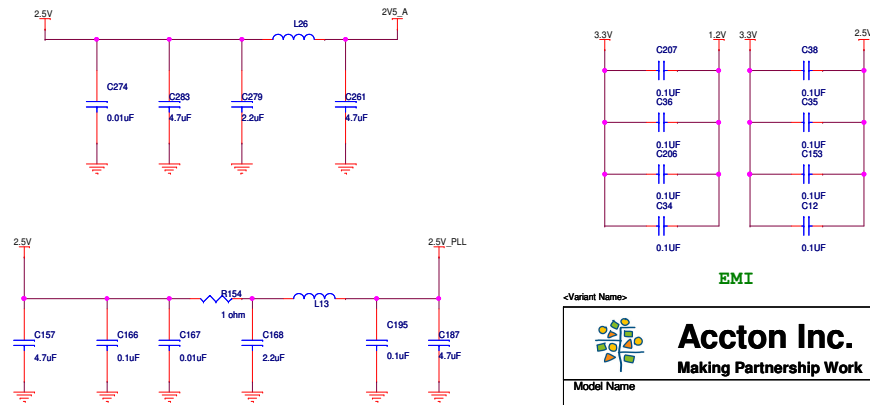
+2.5V SUPPLY



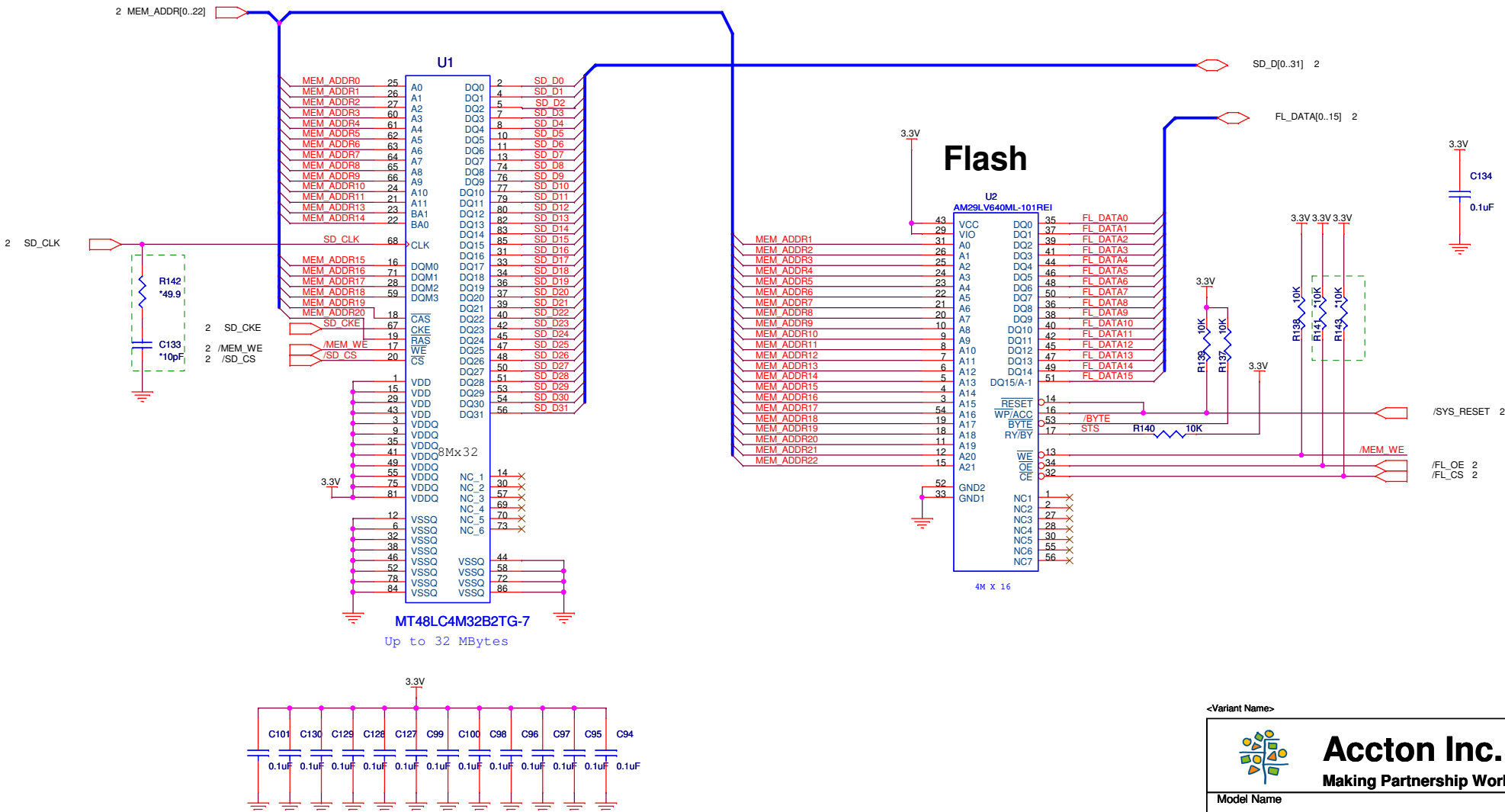
$$V_{out} = 1.215 * (1 + R_1 / R_2)$$

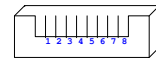


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