

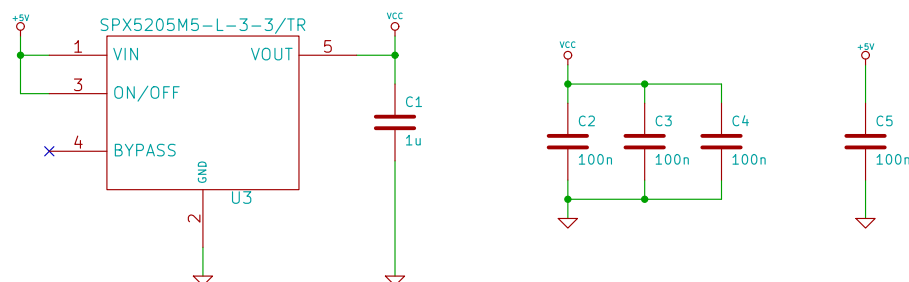
Notes:

CPLD speed grade -5, -75 or -10 (5 ns to 10 ns), all signals pass two levels of logic, so we take the speed grade * 1.5

Propagation delay for -10 (Pin CE ignored):

Symbol	T _{pd} CPLD, RC, 74AHC	Sum	Unit
T _{pd typ}	10 + 18 + 5	33	ns
T _{pd max}	15 + 18 + 10	43	ns

Capacitors: CKCA43 series, NP0 or COG
 $\tau = 180 \text{ Ohm} * 100 \text{ pF} = 18 \text{ ns}$
 change RN1, RN2 for other speed grades



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KiCad E.D.A.

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