## sin generator (using a 555) Alireza Sotoodeh RV2 R4 U1 L1 **/** 290mH RV1 sin generator output R5 DC sin generator output C4 **Z** D3 **S** D4 10uF 1N4007 1N4007 TR 5 TH 50k 555 C6 creat a sine wave using a LC filter 1uF f = 1/(2\*pi\*L\*C)ANALOGUE ANALYSIS 20.0 sin generator output SIN GENERATOR OUTPUT 10.0 0.00 -10.0 -20.0 0.00 20.0m 40.0m