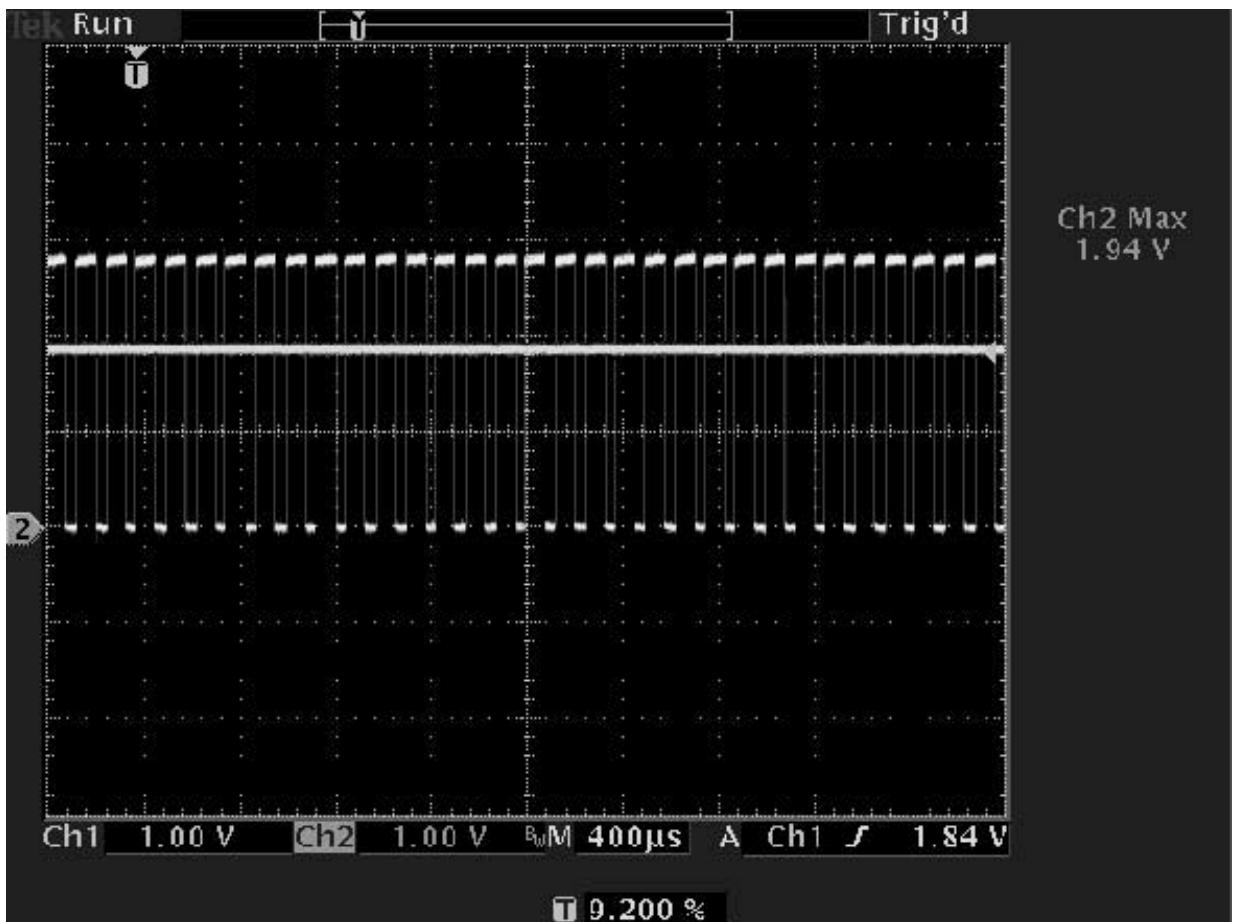
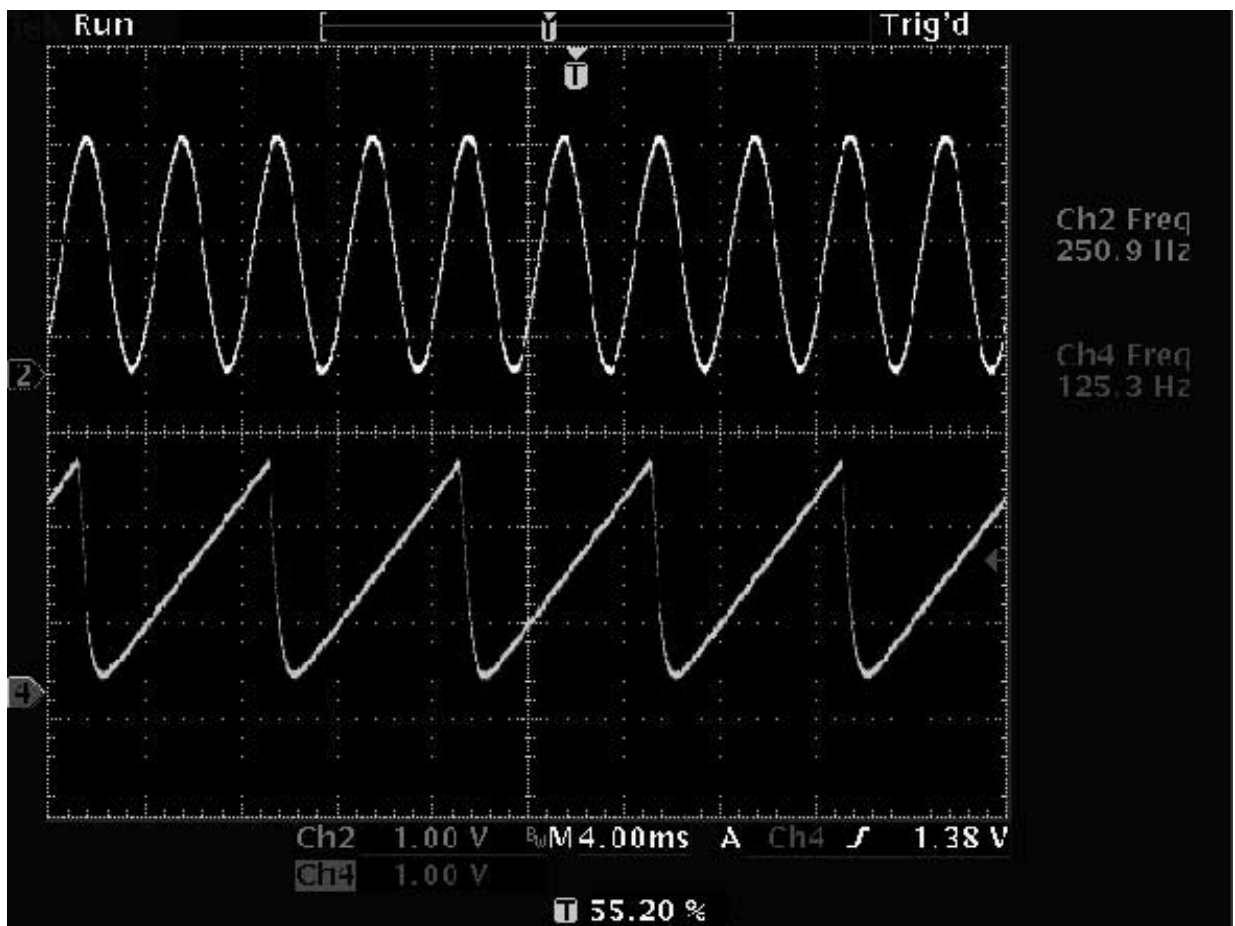


Figure 3



The microcontroller's PWM timer produces an ac signal (a) and a dc signal (b) of a sine wave and a ramp with 8-bit resolution.