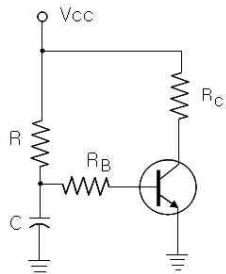
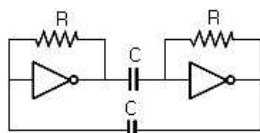
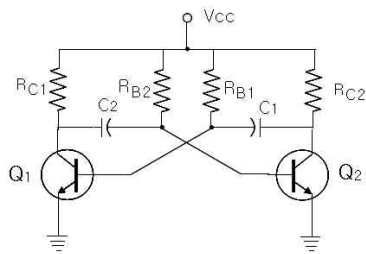


# Appendix 1 발진기 (clock generator)

RC oscillator

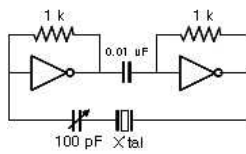


a-stable oscillator

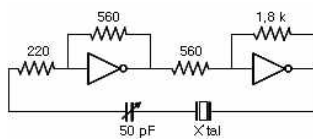


astable osc

$$f \approx \frac{1}{1.4CR}$$



ac coupled Xtal osc



dc coupled Xtal osc