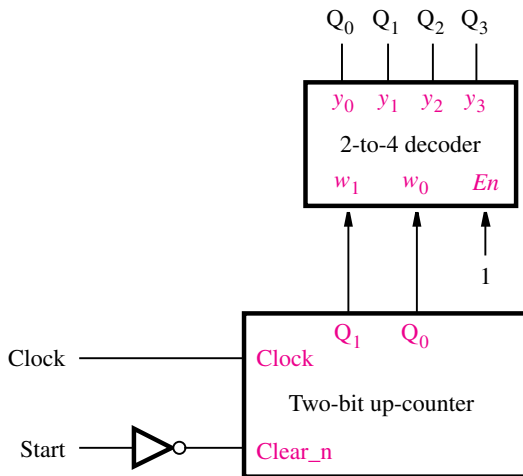


(a) An n -bit ring counter



(b) A four-bit ring counter

Figure 5.28 Ring counter.