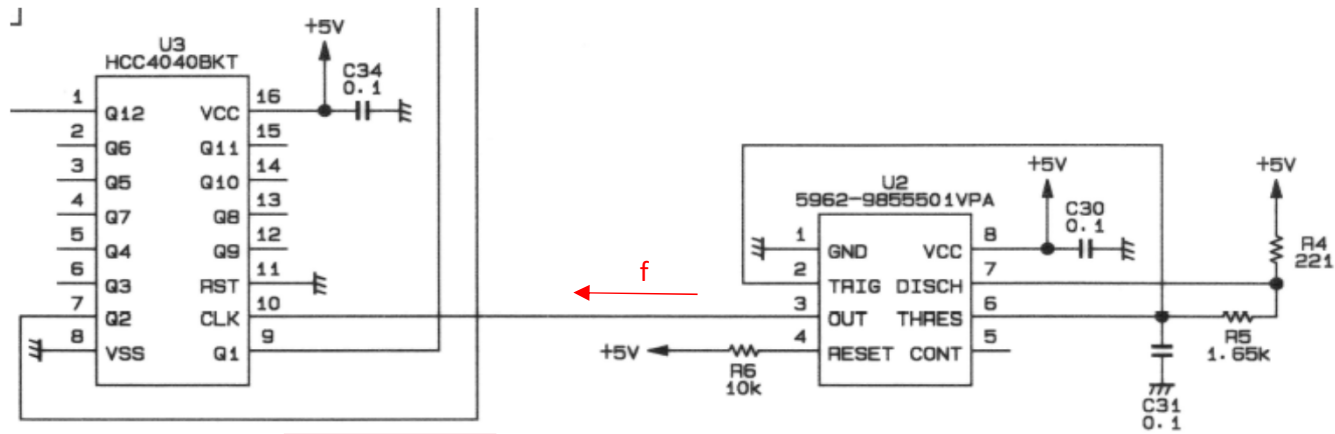




Design Value

$$f = (1.44 / (R4 + 2 \times R5) \times C31)$$

$$= 4089.75 \text{ Hz}$$

Measured Value

$$f \sim 3400 \text{ Hz}$$

C30: M3253504E2A104KZTB (KEMET, 0.1μ/50V)

C31: M3253504E2A104KZTB (KEMET, 0.1μ/50V)

R4: M55342K06B221DS (VISHAY, 221Ω/0.15W)

R5: M55342K06B1E65S (VISHAY, 1.65kΩ/0.15W)

R6: M55342K06B10E0S (VISHAY, 10kΩ/0.15W)

} X7R