$$t = 0 \text{ s} \qquad R = 500 \Omega \qquad L = 0.5 \text{ H} \qquad C = 4 \mu\text{F}$$

$$M \qquad i(t) \qquad u_C(t)$$

$$u(t) = \sqrt{2} \times 220 \cos(100\pi t) \text{ V}$$