Question #72692, Physics / Electric Circuits

A capacitor of 200 micro farad capacitance was charged by 10 voltage how much charge was accumulated?

Solution

The capacitor charge is calculated by the formula:

$$q = U \cdot C$$

Where

U–Voltage

C - Capacitor capacity:

$$q = 10 \, V \cdot 200 \cdot 10^{-6} F = 2 \cdot 10^{-3} Cl = 2 \, mCl$$

Answer the questions:

charge was accumulated 2 micro Coulomb:

Answer provided by AssignmentExpert.com