

PP - Basic concepts 001

Problem has been graded.

What is the current i flowing through the element at time $t = 0.25$ seconds, when the charge flow is $q(t)$?

$$q(t) = \frac{6}{\pi} \cdot \cos(10\pi t) \quad \mu\text{C}$$

Given Variables:

. . .

Calculate the following:

i (mA) :

 Hint: Pay attention to the units