

Q1.

Figure 1.1 shows the current flowing waveform in a component in a power converter circuit, where  $T$  is the switching period.

- Calculate the average value of the current. (2 mark)
- Calculate the rms value of the current. (3 mark)

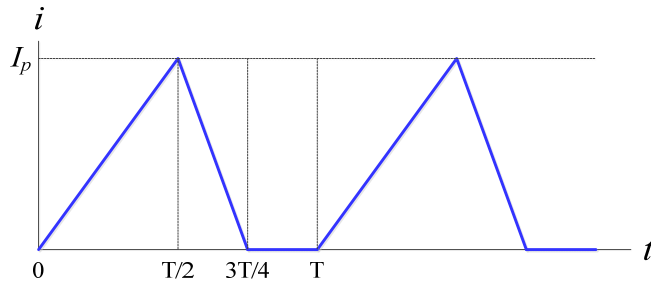


Fig.1 Current flowing waveform