

# Custom Computing: Assessed Coursework

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February 21, 2013

## Question 1

As we can see below, the minimum number of units that need to be sold for the ASIC implementation to be cost-effective is 1 million units.

$$C_{FPGA} > C_{ASIC} \Rightarrow \pounds 2 \times N_{units} > \pounds 10^6 + \pounds 1 \times N_{units} \Rightarrow N_{units} > 10^6$$

## Question 2

## Question 3

## Question 4