

Course: Power Electronics

Name: .....

Time:10 mins

Quiz 2

Date: 1395/01/28

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For a power diode, the reverse recovery time is  $3.9 \mu s$  and the rate of diode-current decay is  $50 \frac{A}{\mu s}$ . For a softness factor of 0.3, calculate the peak inverse current and the storage charge.

Good Luck- Adineh