

EE 3921

Dr. Johnson

Homework 9

1 – Calculate the minimum size required for the On-Chip memory block inside the Character buffer block if we doubled the size (W and L) of the characters in pixels. (assume a 640x480 display) 50pts

_____ bytes

2 – Calculate the minimum size required for the SDRAM used in our pixel buffer example from class.(assume no backbuffer support and a **8x scaler** block instead of the examples 2x scaler) (assume a 640x480 display) **50pts**

_____ bytes