

**Deliverables (exact components of the lab report)**

**A) Objectives**

1-page requirements document - separate doc

**B) Hardware Design**

Regular circuit diagram (SCH file)

PCB layout and three printouts (top, bottom and combined)

- Files separate, submitted w/this report

**C) Software Design**

Include the requirements document (Preparation a) - to be continued lab 8

**D) Measurement Data**

Give the estimated current (Procedure d)

~497 mA with motors at max torque, ~197 mA with motors at no-load torque

Give the estimated cost (Procedure e)

Valvano parts - \$11.54

PCB - \$33 + \$23 shipping

ST7735 - \$19.96

Extra (from RAS office) - \$46.67

**E) Analysis and Discussion (none)**