

Homework Assignment 2

Power consumption and PCB area for each subsystem

Due February 2, 2011

Each person in the class: estimate the board area (in mm^2) for the subsystem(s) assigned to you below as well as their power consumption (in mW). The first one in your list is the most important one to get right. How accurate do you think your estimate is? 10%? 5%? For the moment we are assuming power supplies of -20 V , $+20\text{ V}$, and 3.3 V .

Name	Subsystem(s)
Guillette	CMS
Huynh	Power
Landavazo	VVS
Marohn	CPU, SPA
Mason	SPA, CPU
Quiroga	CMS
Ravindran	Power, CMS
Yelton	VVS, CMS