EE260 – Lab 1.

The goal of this lab is to familiarize with the EVBplus2 development board.

With the help of the development board manuals, the schematic, “google” and by visual inspection of the EVBplus2 board itself:

a. Identify all switches and jumpers (13) on the board and explain their purpose.

b. List all Integrated Circuits (16) on the board and for each of them find out their manufacturer, explain their function and describe their main features (e.g., number of pins, number of devices per package, type of package, clock speed, memory size, …). Put the information in form of a table with the following fields: IC Instance Number, Manufacturer, Part Number, Function, Features. Spell out each acronym introduced.

c. Draw a simplified “layout” of the board showing the power supply connector, and all jumpers, switches, and ICs (label the jumpers, switches, and ICs as done in the schematic/serigraphy).