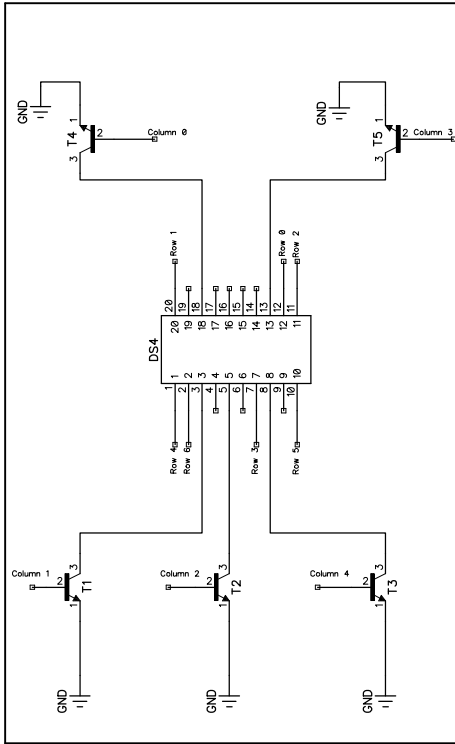
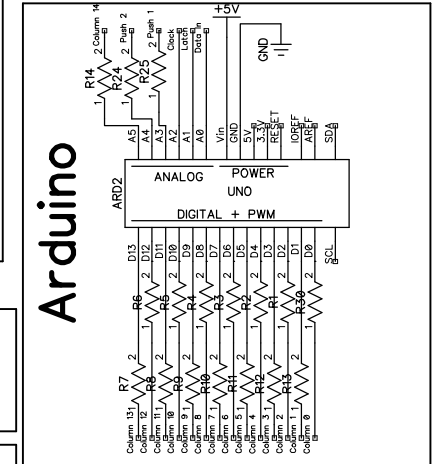
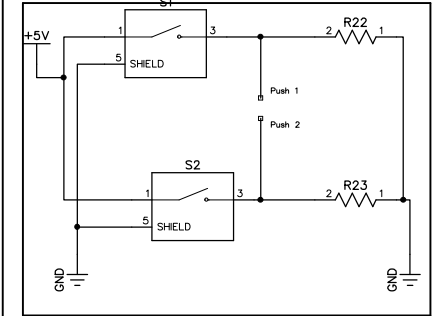
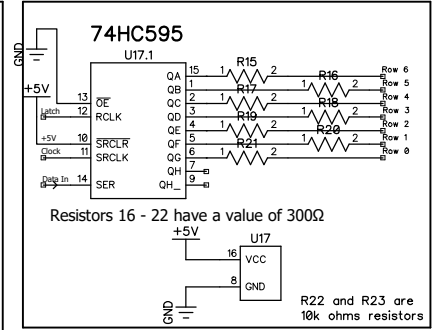
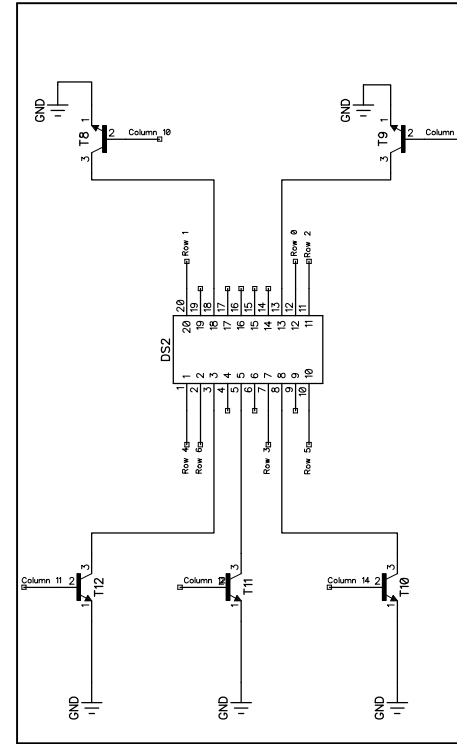
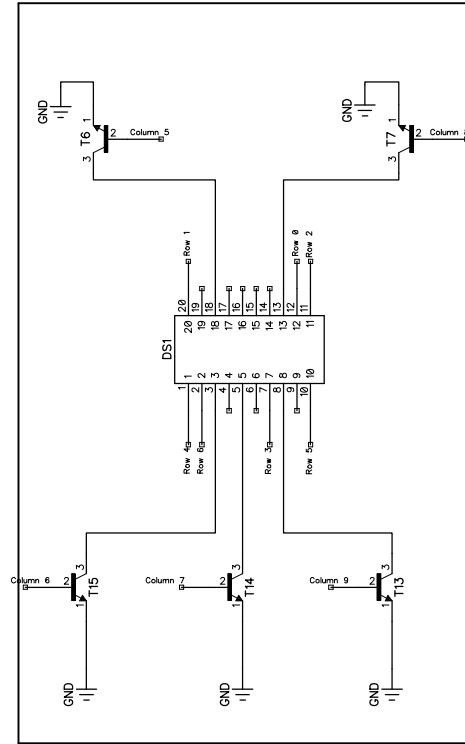


The rest of 8 pins remain unconnected because they are the Green set of LEDs

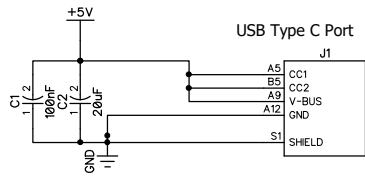


LED MATRIX



R24 and R25 are 5.1k ohms resistors.

C1 and C2 are present to help prevent spikes in the voltage



Using two push-buttons to select the text we want to display;
The maximum number of phrases cat. will be limited to 4;
A default one, that will always be displayed and another three that the user can select to be displayed.

A Moore Automata Diagram should be attached.

Resistors 1 - 14 have a value of 4.7kΩ, so the transistor is fully opened.