Pressure Sensing Resistor

R2
220Ω

Part1

Arduino
Mega
2560
(Rev3)

keyboard uses 24 digital I/O
ports, D29-D53

4-10 digital outputs to
oscillators

1 analog signal input from
synthesizer, possibly more
from potentiometers and
sensors.

Serial/Wi-Fi/Bluetooth data
output to Unity

??? Outputs to LED array or
VGA monitor

Total I/O = 30+

KD7
KD6
KD5
KD4
KD3
KD2
KD1
KD0

J2
J3

BR3
MK3
MK4
BR4
KD0
KD1
KD2
KD3
KD4
KD5
KD6
KD7

BR3
MK3

BR4
MK4

BR5
MK5

BR6
MK6

BR10
MK10

fritzing