Hand motion controlled RGB 7 Segment display

Concept:

Control a RGB 7-Segment display with flex sensors attached to your hand.

Hardware:

- Micro controller
- Flex Sensor
- LEDs
- On/Off button
- Clear Silicone Caulking for globe casing
- Battery or wall power source

Software Interface:

- Interface to the flex sensors
- Spy driver for the 7 segment display
- Control the on/off button

Cost (SWAG):

Adafruit Pro Trinket - 5V 16MHz	$10
Flex/Bend sensor (x3)	$24
RGB 7-Segment Digit - 1" Tall Digit	$15
On/Off button	$2
Clear Silicone Caulking	$5
Battery or wall power source	$10
Total	$66