` Switch Activated Jumbo 7 Segment Display 14M2(Select Case) Jonathan McMahon for Pat McMahon as of 8/10/14.

`IMPORTANT NOTE- Ensure that the Infrared components are NOT connected on the PCB,

`especially the 4k7 resistor, as the infrared and microswitch share the same C.3 input through it.

`Also pull out the download cable to test, otherwise the top segment won't work with it in.

`NOTE CONNECTIONS- The microswitch is connected to C.3 and to positive(+)

`Important-You must have two 10k pull down resistors, one between Negative(-) & C.3 on the

`back of the PCB, insulated with shrink tube

`and one in line (black negative wire)on the leg of Common on the microswitch,

`Connect Normally Open (NO) on the microswitch (Red wire) to directly to Positive with no resistors.

`otherwise it will count up by itself, automatically.

symbol microswitch = pinC.3

symbol counter = w1

counter = **0**

goto updatedisplay

main:

if microswitch = **1** then ` button has been pushed

counter = counter + **1**

if counter > **9** then `If gets to 9, then goes to 0

counter = **0**

endif

updatedisplay:

select counter ` sets the outputs

case **0**

high **0** `a on

high **1** `b on

high **2** `c on

high **3** `d on

high **4** `e on

high **5** `f on

low c.0 `g off

case **1**

low **0** `a off

high **1** `b on

high **2** `c on

low **3** `d off

low **4** `e off

low **5** `f off

low c.0 `g off

case **2**

high **0** `a on

high **1** `b on

low **2** `c off

high **3** `d on

high **4** `e on

low **5** `f off

high c.0 `g on

case **3**

high **0** `a on

high **1** `b on

high **2** `c on

high **3** `d on

low **4** `e off

low **5** `f off

high c.0 `g on

case **4**

low **0** `a off

high **1** `b on

high **2** `c on

low **3** `d off

low **4** `e off

high **5** `f on

high c.0 `g on

case **5**

high **0** `a on

low **1** `b off

high **2** `c on

high **3** `d on

low **4** `e off

high **5** `f on

high c.0 `g on

case **6**

high **0** `a on

low **1** `b off

high **2** `c on

high **3** `d on

high **4** `e on

high **5** `f on

high c.0 `g on

case **7**

high **0** `a on

high **1** `b on

high **2** `c on

low **3** `d off

low **4** `e off

low **5** `f off

low c.0 `g off

case **8**

high **0** `a on

high **1** `b on

high **2** `c on

high **3** `d on

high **4** `e on

high **5** `f on

high c.0 `g on

case **9**

high **0** `a on

high **1** `b on

high **2** `c on

low **3** `d off

low **4** `e off

high **5** `f on

high c.0 `g on

endselect

pause **4000** ' Wait a predefined period for the spring switch to settle

endif

goto main