`Dancing Circles/Squares- Auto

`Pat McMahon 9/11/2017

symbol delay= **400**

symbol delay1= **100**

symbol delayb4= **40**

Manual:

`LED1:

high **0** wait **1**

`LED2:

high **1** wait **1**

`LED3:

high **2** wait **1**

`LED4:

high **3** wait **1**

`LED5:

high **4** wait **1**

`LED6:

high **5** wait **1**

`LED7:

high C.0 wait **1**

`LED8:

high C.1 wait **1**

`LED9:

high C.2 wait **1**

`LED10:

high C.4 wait **1**

`AllOff:

low **0**,**1**,**2**,**3**,**4**,**5**,c.0,c.1,c.2,c.4 wait **1**

`AllOn:

high **0**,**1**,**2**,**3**,**4**,**5**,c.0,c.1,c.2,c.4 wait **4**

`UpWave:

pause delay1 high **0** pause delay1 low **0**

pause delay1 high **1** pause delay1 low **1**

pause delay1 high **2** pause delay1 low **2**

pause delay1 high **3** pause delay1 low **3**

pause delay1 high **4** pause delay1 low **4**

pause delay1 high **5** pause delay1 low **5**

pause delay1 high C.0 pause delay1 low C.0

pause delay1 high C.1 pause delay1 low C.1

pause delay1 high C.2 pause delay1 low C.2

pause delay1 high C.4 pause delay1 low C.4

wait **1**

`DownWave:

pause delay1 high C.4 pause delay1 low C.4

pause delay1 high C.2 pause delay1 low C.2

pause delay1 high C.1 pause delay1 low C.1

pause delay1 high C.0 pause delay1 low C.0

pause delay1 high **5** pause delay1 low **5**

pause delay1 high **4** pause delay1 low **4**

pause delay1 high **3** pause delay1 low **3**

pause delay1 high **2** pause delay1 low **2**

pause delay1 high **1** pause delay1 low **1**

pause delay1 high **0** pause delay1 low **0**

wait **1**

`CaveIn:

pause delay1 high **0**,C.4 pause delay1 low **0**,c.4

pause delay1 high **1**,C.2 pause delay1 low **1**,c.2

pause delay1 high **2**,c.1 pause delay1 low **2**,c.1

pause delay1 high **3**,c.0 pause delay1 low **3**,c.0

pause delay1 high **4**,**5** pause delay1 low **4**,**5**

pause delay1 high **3**,c.0 pause delay1 low **3**,c.0

pause delay1 high **2**,c.1 pause delay1 low **2**,c.1

pause delay1 high **1**,C.2 pause delay1 low **1**,c.2

pause delay1 high **0**,C.4 pause delay1 low **0**,c.4

pause delay

wait **1**

`BlowOut:

pause delay1 high **4**,**5** pause delay1 low **4**,**5**

pause delay1 high **3**,c.0 pause delay1 low **3**,c.0

pause delay1 high **2**,c.1 pause delay1 low **2**,c.1

pause delay1 high **1**,c.2 pause delay1 low **1**,c.2

pause delay1 high **0**,c.4 pause delay1 low **0**,c.4

pause delay1 high **0**,C.4 pause delay1 low **0**,c.4

pause delay1 high **1**,C.2 pause delay1 low **1**,c.2

pause delay1 high **2**,c.1 pause delay1 low **2**,c.1

pause delay1 high **3**,c.0 pause delay1 low **3**,c.0

pause delay1 high **4**,**5** pause delay1 low **4**,**5**

pause delay

wait **1**

`ProgressivelyOnOffOut:

high **0**,**1**,**2**,**3**,**4**,**5**,c.0,c.1,c.2,c.4

pause delay1 low **0** pause delay1 high **0**

pause delay1 low **1** pause delay1 high **1**

pause delay1 low **2** pause delay1 high **2**

pause delay1 low **3** pause delay1 high **3**

pause delay1 low **4** pause delay1 high **4**

pause delay1 low **5** pause delay1 high **5**

pause delay1 low C.0 pause delay1 high C.0

pause delay1 low C.1 pause delay1 high C.1

pause delay1 low C.2 pause delay1 high C.2

pause delay1 low C.4 pause delay1 high C.4

wait **1**

`ProgressivelyOnOffIn:

high **0**,**1**,**2**,**3**,**4**,**5**,c.0,c.1,c.2,c.4

pause delay1 low C.4 pause delay1 high C.4

pause delay1 low C.2 pause delay1 high C.2

pause delay1 low C.1 pause delay1 high C.1

pause delay1 low C.0 pause delay1 high C.0

pause delay1 low **5** pause delay1 high **5**

pause delay1 low **4** pause delay1 high **4**

pause delay1 low **3** pause delay1 high **3**

pause delay1 low **2** pause delay1 high **2**

pause delay1 low **1** pause delay1 high **1**

pause delay1 low **0** pause delay1 high **0**

wait **1**

`StrobeLightx50:

let b1=**0**

do

high **0** high **1** high **2** high **3** high **4** high **5** high C.0 high C.1 high C.2 high C.4

pause **25**

low **0** low **1** low **2** low **3** low **4** low **5** low C.0 low C.1 low C.2 low C.4

pause **25**

let b1=**0**+b1

inc b1

loop while b1<**50**

pause delay

wait **1**

goto manual