

```
\ SCRUB ( uncomment "\\" to erase existing application program
          ( in flash if present.
```

```
: LOOPVAR <BUILDS HERE P, DUP , , DOES> P@ ; EEWORD
```

```
100 LOOPVAR CNT EEWORD
```

```
: DEC&TEST?
  DUP 1-! DUP @ 0= IF
    DUP 1 + @ SWAP ! TRUE
  ELSE DROP FALSE THEN
```

```
;
```

```
EEWORD
```

```
MACHINE CHASELED EEWORD
```

```
ON-MACHINE CHASELED
```

```
APPEND-STATE BR1 EEWORD
```

```
APPEND-STATE BR2 EEWORD
```

```
APPEND-STATE BR3 EEWORD
```

```
APPEND-STATE BR4 EEWORD
```

```
IN-STATE
```

```
BR1
```

```
CONDITION
```

```
CNT DEC&TEST?
```

```
CAUSES
```

```
REDLED ON
```

```
YELLED OFF
```

```
GRNLED OFF
```

```
THEN-STATE
```

```
BR2
```

```
TO-HAPPEN
```

```
IN-EE
```

```
IN-STATE
```

```
BR2
```

```
CONDITION
```

```
CNT DEC&TEST?
```

```
CAUSES
```

```
REDLED OFF
```

```
YELLED ON
```

```
THEN-STATE
```

```
BR3
```

```
TO-HAPPEN
```

```
IN-EE
```

```
IN-STATE
```

```
BR3
```

```
CONDITION
```

```
CNT DEC&TEST?
```

```
CAUSES
```

```
YELLED OFF
```

```
GRNLED ON
```

```
THEN-STATE
```

```
BR4
```

```
TO-HAPPEN
```

```
IN-EE
```

IN-STATE  
BR4  
CONDITION  
CNT DEC&TEST?  
CAUSES  
GRNLED OFF  
YELLED ON  
THEN-STATE  
BR1  
TO-HAPPEN  
**IN-EE**

DECIMAL  
: MAIN  
BR1 SET-STATE  
EVERY 5000 CYCLES SCHEDULE-RUNS CHASELED  
; **EEWORD**

HEX **7C00** **AUTOSTART** MAIN

**SAVE-RAM**