

```
\ 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
```