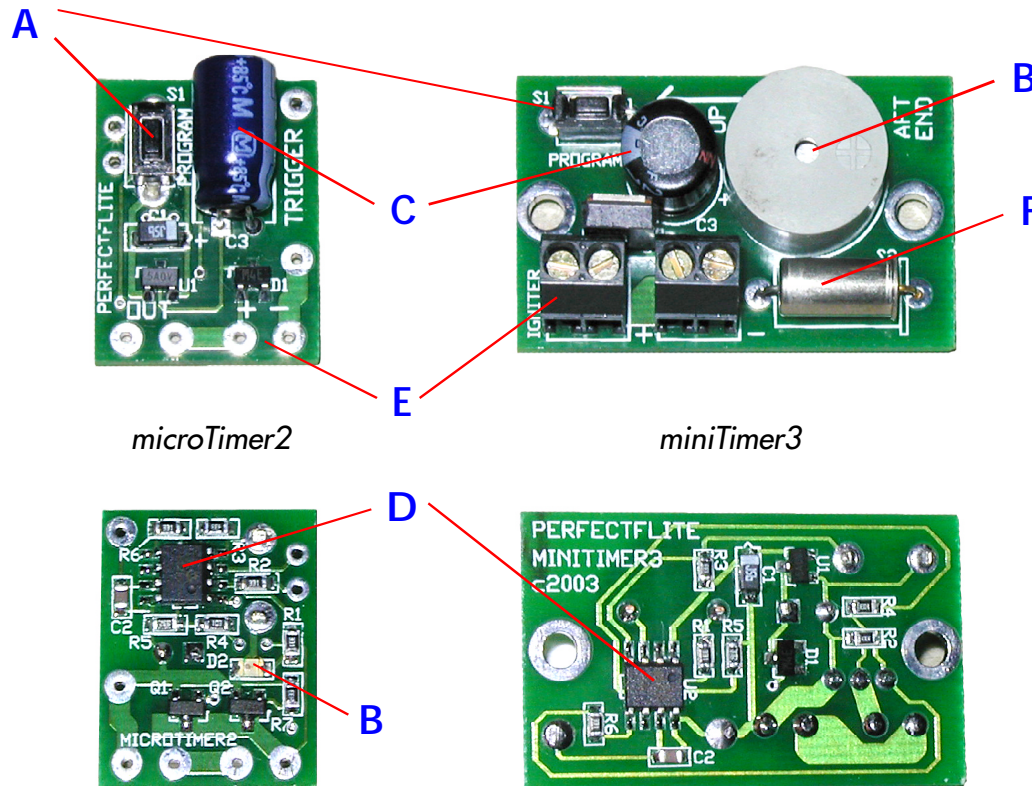


# microTimer2 / miniTimer3

*Digital staging/airstart/ejection timers*



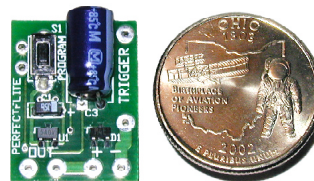
microTimer2

miniTimer3

**PerfectFlite**

P.O. Box 29  
(603) 735-5994

Andover, NH 03216  
www.perfectflite.com



Shown actual size with quarter

## Key Features

These timers can be used for ignition of sustainer motors in multistage rockets and ignition of auxiliary motors in airstarts. They can also be used for accurately-timed deployment of recovery devices in lieu of the sometimes variable delay times associated with the motor's built-in delay grain.

- A) Easy to set delay time is field adjustable from 0.6 seconds to over 60 seconds in 0.1 second steps
  - B) Beeper provides audible igniter continuity check, powerup reporting of current delay time setting, and post-flight siren to aid in rocket location
    - microTimer2 uses space-saving LED for delay reporting and continuity check, with provision for adding external full-function beeper
  - C) High current capability allows use of multiple igniters in clusters. Brown-out protection during firing allows 100% power delivery to igniter without worry of reset
  - D) High accuracy digital time setting is retained in EEPROM memory even with power removed
  - E) miniTimer3 uses secure screw-down terminal blocks for battery and igniter, microTimer2 has solder pads for user wiring
  - F) miniTimer3 available with optional on-board G switch
- Automatic trigger sense configuration (normally open/normally closed) allows use with G-switch, breakwire, pull-pin, etc.
  - False trigger filtering -- trigger condition must be met for 0.5 second in order to start timing cycle
  - Rugged SMD construction, stringent QC testing, and internal self-diagnostics assure reliability
  - microTimer2 measures just 0.9" L \* 0.7"W \* 0.35"H, fits in 18mm tube, weighs 0.12 oz. Maximum current: 39.5A for 1ms, 9.4A for 1 second
  - miniTimer3 measures just 1.5" L \* 0.9"W \* 0.5"H, fits in 24mm tube, weighs 0.24 oz. Maximum current: 97.6A for 1ms, 33.9A for 1 second
  - Backed by a full three year warranty

UT2A microTimer2..... \$24.95

MT3T miniTimer3..... \$34.95

MT3G miniTimer3 with G switch .. \$42.95