

## 0.9V Timers - Controllers

- ▶ Reduces weight
- ▶ Reduces waste
- ▶ Reduces costs
- ▶ Reduces size

Semtech's new series of 0.9V timer-controllers enable extremely compact solutions. The IC operates directly from one AAA cell (Alkaline, NiMH or NiCd) without voltage boost, dramatically reducing the required current.

Each model has a DC control output to either control a DC motor or another continuous low voltage element and a burst output to drive an LED or another boosted element.

### Key Features:

- ▶ Low voltage (LV) - exploit more capacity from your cell
- ▶ Intrinsic low voltage - reduces PCB area and BOM
- ▶ LV function - burst output for low voltage LED control
- ▶ LV function - minimal NiMH/ NiCd recharger
- ▶ Application ready - reduces time to production

### ▶ SX8120

*on/off switch with 15s - 30s time-out*

- Toys
- Electric toothbrushes

### ▶ SX8121

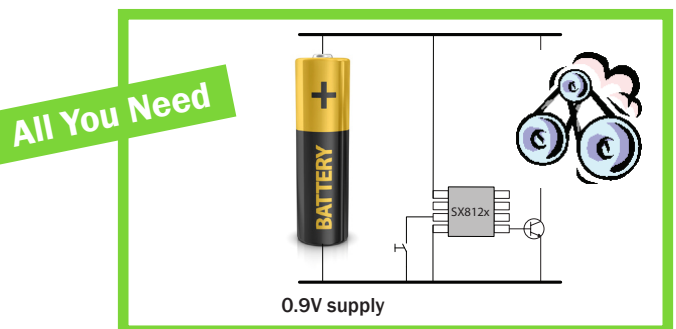
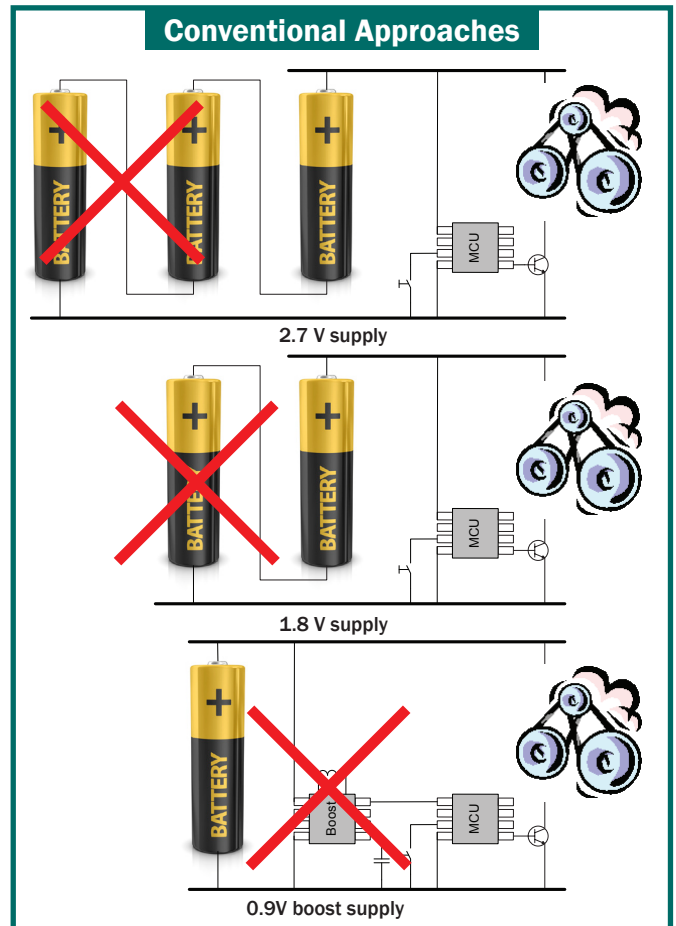
*on/off switch with optional 10 min time-out*

- LED pointers
- Electric shavers

### ▶ SX8122

*resistor programmable universal timer*

- Toys
- On/Off buttons
- Delayed start-up



Powered by Semtech IC



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