



## Power-Managed uC Power Supply

A power supply for PIC uControllers or other battery-operated electronics that require a +5-volt, regulated supply that can be gated off during periods of non-use. By depressing S1, the power supply is activated, supplying power to the uC. During its Power-on-reset processing the uC should drive the /PowerDn signal high, latching the power supply in the ON state

When the uC wants to power down, it merely drops /PowerDn, which will disconnect the battery from the 78L05, thereby conserving its power. The circuit consumes no power in the quiescent state.

Copyright (c) 1998, Len Galasso. All rights reserved --- <http://home.pacbell.net/lengal/>

L. Galasso

Temporal Power Supply

Rev

Copyright (c) 1998, Len Galasso. All rights reserved

ID

Date: <http://home.pacbell.net/lengal/> Page: 1 of 1