

## Power Management

*Cross Reference Guide*

*Free New Product Newsletter*

*Selection Guides*

*Electroluminescent Lamp Drivers*

*LDO Voltage Regulators*

*Microprocessor Supervisors*

*PWM Controllers*

*USB Power Switches*

### *Electroluminescent Lamp Drivers*

*Data Sheets*

**IMP522** *Dual Electroluminescent Lamp Driver*

**IMP525** *Single Cell Battery Powered Electroluminescent Lamp Driver/Inverter*

**IMP527** *Single Cell Battery Powered Electroluminescent Lamp Driver/Inverter*

**IMP528** *High-Voltage Electroluminescent Lamp Driver*

**IMP560** *Power Efficient Electroluminescent Lamp Driver*

**IMP803** *High-Voltage Electroluminescent Lamp Driver*

*Die Specifications*

**IMP525** *Die Specifications*

**IMP527** *Die Specifications*

**IMP528** *Die Specifications*

**IMP560** *Die Specifications*

**IMP803** *Die Specifications*

### *LDO Voltage Regulators*

*Data Sheets*

**IMP37** *Low Dropout Positive Voltage Regulator with 800mA Output*

**IMP2014/5, IMP2185** *Super Low Dropout CMOS Regulators with Battery Life  
Extending Shutdown Mode*

**IMP2054/5, IMP2186** *Super Low Dropout CMOS Regulators with Battery Life  
Extending Shutdown Mode and ERROR Output*

**IMP2070/1, IMP2187** *Super Low Dropout CMOS Regulators with Battery Life  
Extending Shutdown Mode and Adjustable Output*

### *Microprocessor Supervisors*

*Data Sheets*

**IMP161, IMP162** *μP Supervisors Circuit*

**IMP690A, IMP692A, IMP802L/M, IMP805L** *μP Supervisors with Battery Backup Switch*

**IMP690T/S/R, IMP802T/S/R, IMP804T/S/R, IMP805T/S/R** *3.0V/3.3V μP Supervisors with  
Battery Backup Switch*

**IMP705/6/7/8, IMP813L** *Low-Power μP Supervisor Circuits*

**IMP705R/S/T** *3V μP Supervisor Circuits*

**IMP706P/R/S/T/J, IMP708R/S/T/J** 3V/3.3V/4.0V  $\mu$ P Supervisor Circuits  
**IMP809, IMP810** 3-Pin Microcontroller Power Supply Supervisors  
**IMP811, IMP812** 4-Pin  $\mu$ P Voltage Supervisors with Manual Reset  
**IMP1232LP/LPS**  $\mu$ P Power Supply Monitor and Reset Circuit  
**IMP1233D** Low Power, 5V  $\mu$ P Reset Circuit — Active LOW, Open-Drain Output  
**IMP1233M** Low Power, 5V/3.3V  $\mu$ P Reset Circuit — Active LOW, Open-Drain Output  
**IMP1810** Low Power, 5V  $\mu$ P Reset Circuit — Active LOW, Push-Pull Output  
**IMP1811** Low Power, 5V  $\mu$ P Reset Circuit — Active LOW, Open-Drain Output  
**IMP1812** Low Power, 5V  $\mu$ P Reset Circuit — Active HIGH, Push-Pull Output  
**IMP1815** Low Power, 3.3V  $\mu$ P Reset Circuit — Active LOW, Push-Pull Output  
**IMP1816** Low Power, 3.3V  $\mu$ P Reset Circuit — Active LOW, Open-Drain Output  
**IMP1817** Low Power, 3.3V  $\mu$ P Reset Circuit — Active HIGH, Push-Pull Output  
**IMP1832** 3.3V  $\mu$ P Power Supply Monitor and Reset  
**IMP1834/A/D** Dual 5V and 3.3V  $\mu$ P Power Supply Supervisors w/Manual Reset

## **PWM Controllers**

### *Data Sheets*

**IMP38C/HC/42/3/4/5** BiCMOS Current-Mode PWM Controllers

## **USB Power Switches**

### *Data Sheets*

**IMP2505** Single 2A USB High-Side Power Switch  
**IMP2524/27** Quad USB High-Side Power Switch with Fault Detection  
**IMP2525** USB High-Side Power Switch with Fault Detection  
**IMP2525A** Low-Resistance, USB High-Side Power Switch with Fault Detection  
**IMP2526** Dual USB High-Side Power Switch with Fault Detection

## **Application Notes**

### *Application Notes*

**AN1** EL Driver Evaluation Board (IMP803)  
**AN4** EL Driver Demonstration Boards  
**AN5** Debounce Mechanical Switches with IMP811  $\mu$ P Supervisor