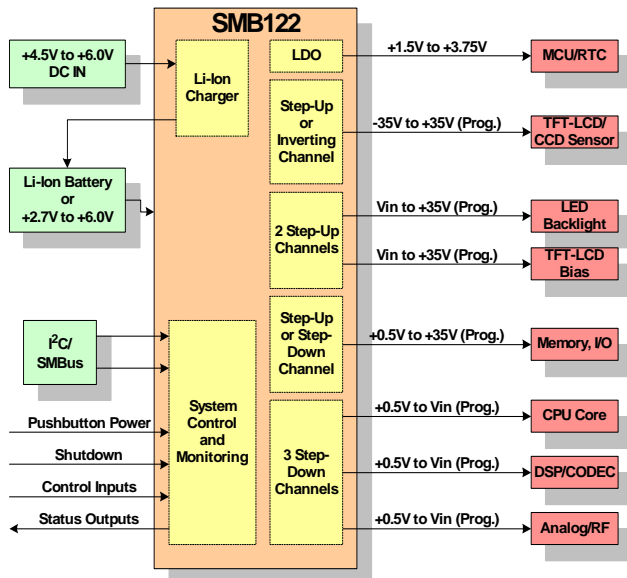


# Programmable Nine-Output Power Supply IC Provides Flexibility Without Extra Cost!

**Programmable Power Manager Family Combines High Performance DC-DC Regulation and Battery Management with Advanced Power System Control**

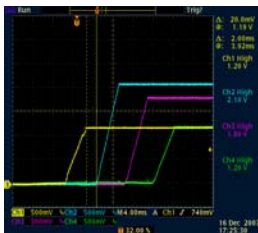


## Features

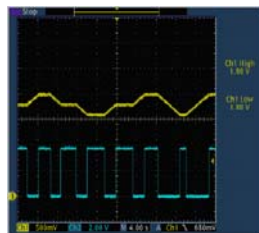
- +2.7V to +6.0V or Li-Ion Battery Input
- $\pm 0.5\%$  Output Voltage Accuracy
- Programmable and Configurable Outputs
- Programmable Li-Ion Battery Charger
- White LED Drive with Dimming
- I<sup>2</sup>C Serial Interface
- Dynamic Output Voltage
- Individual Channel Shutdown Control
- Programmable Sequencing/Slew Rate
- UV/OV Monitors with RESET Control
- EEPROM Configuration Storage
- +0°C to +70°C or -40°C to +85°C

## Applications

- Digital Camcorders
- Digital Cameras
- Portable Media Players
- TFT-LCD Panels/TV's
- GPS Terminals
- PDA's/Smartphones
- Portable EPOS Terminals



Sequencing



Dynamic Output Voltage  
XScale™/ARM™

For more information see:

[www.summitmicro.com/PPM](http://www.summitmicro.com/PPM)

Output Channels	SMB122	SMB120	SMB118	SMB110	SMB111	SMB112	SMB113	SMB115	SMB117
Total # of Outputs	9	9	7	5	4	5	4	4	4
Step-down (Buck)	3 to 4	4	3 to 4	2	3	1	4	3	4
Step-up (Boost)	2 to 4	3	1 to 2	1	1	2		1	
Inverter (Buck-Boost)	0 to 1	1		1		1			
Battery Charger	1		1						
LDO	1	1	1	1		1			
Package Size (mm)	9x9	9x9	7x7	5x5	5x5	5x5	5x5	5x5	5x5
Package Type	QFN-64	QFN-64	QFN-48	QFN-32	QFN-32	QFN-32	QFN-32	QFN-32	QFN-32

Additional products are being released continuously.  
Please contact Summit for the combination you need.



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"Programmable Power for a Digital World"