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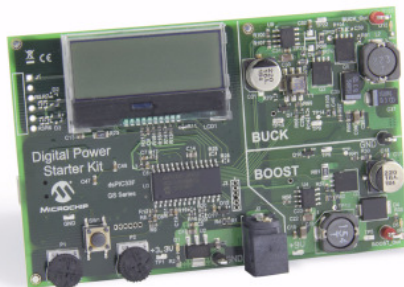
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MPLAB Starter Kit for Digital Power [Buy It Now](#)

Part Number: DM330017



**MPLAB® Starter Kit for Digital Power
(Part # DM330017)**

The MPLAB Starter Kit for Digital Power allows the user to easily explore the capabilities and features of the dsPIC33F GS Digital Power Conversion family. It is a digitally controlled power supply board that consists of one independent DC/DC synchronous Buck converter and one independent DC/DC Boost converter. Each power stage includes a MOSFET controlled 5W resistive load. The starter kit includes an On-Board Debugger/Programmer and is priced at \$129

Features:

- dsPIC33FJ09GS302 – Low-cost 16-bit digital power conversion DSC
- One synchronous Buck converter power stage
- One Boost converter power stage
- LCD display for voltage, current, temperature and fault conditions
- On-board In-Circuit Debugger /Programmer via USB
- On-board programmable resistive loads
- On-board temperature sensor
- Compact Design – 4" x 2.5" board
- Powered via 9V power supply (included)

Downloads

Title	Date Published	Size	D/L
MPLAB Starter Kit for Digital Power Design Package	8/21/2012 6:27:32 PM	11176 KB	
MPLAB Starter Kit for Digital Power User's Guide	8/6/2012 2:01:55 PM	889 KB	

