

TC1303 DFN Adjustable Output Demo Board

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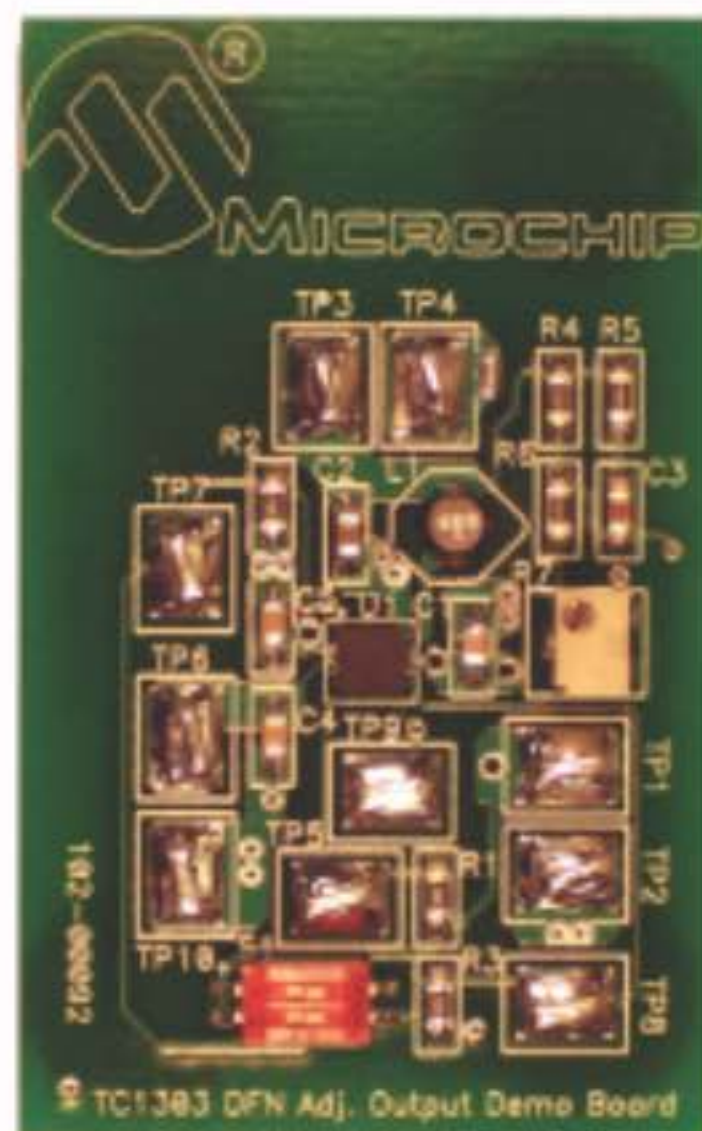
Part Number: TC1303DM-DDBK2

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The TC1303 Adjustable Output Regulator provides a unique combination of a 500 mA synchronous buck regulator and 300 mA Low-Dropout Regulator (LDO) with a Power-Good (PG) monitor to provide a highly integrated solution for dual supply applications. The device provides a very cost-effective solution with minimal board space because of the high-frequency operation of the buck converter, the minimal external component requirement and the small DFN (dual flat no leads) package size.

The demo board is used to evaluate the TC1303C device over the input voltage range, output voltage and current range for both the synchronous buck regulator output and the low dropout linear regulator output.

Test points are provided to monitor the Input voltage, Output voltage, shut down control and power good signal.





Features

Package Contents

- Test points for applying input voltage (2.7V to 5.5V)
- Using a potentiometer, the Buck Regulator output voltage can be set from 1.8V to 4.0V
- Fixed LDO regulator output voltage of 2.5V

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[Back To Top](#)

Documents	Last Updated	Size	
500 mA Synchronous Buck Regulator, +300 mA LDO with Power-Good Output	12/16/2008 9:37:53 AM	756KB	
TC1303 DFN Adjustable Output Demo Board User's Guide	7/13/2006 10:03:07 AM	441KB	
TC1303 DFN Adjustable Output Demo Board Gerbers	7/12/2006 4:08:39 PM	233KB	