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[TC1303DM-DDBK2](#)
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[Microchip Advanced Parts Selector \(MAPS\)](#)

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[Design Center Home](#)
[Programming Home](#)
[Programming Specifications](#)
[Code Examples](#)
[Code Templates](#)
[Firmware Drivers](#)
[Gerber Files](#)
[Application Maestro™ Software](#)

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[Technical Support](#)
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TC1303 DFN Adjustable Output Demo Board [Buy it Now](#)

Part Number: TC1303DM-DDBK2

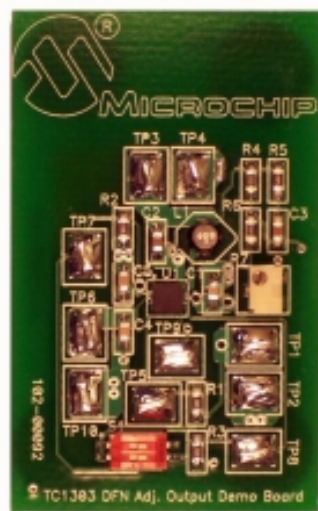
Devices Supported: TC1303C

Summary Description:

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:

- ? 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

Downloads

Title	Date Published	Size	D/L
Analog and Interface Solutions Brochure	1/30/2008 2:14:00 PM	633 KB	
Low Cost Development Tools Guide	12/19/2007 2:23:00 PM	1498 KB	
TC1303 DFN Adjustable Output Demo Board Gerbers	7/12/2006 4:07:00 PM	233 KB	
TC1303 DFN Adjustable Output Demo Board User's Guide	7/13/2006 10:02:00 AM	441 KB	
TC1303A/TC1303B/TC1303C/TC1304 Data Sheet	7/1/2005 4:50:00 PM	612 KB	