EMC2103-4 Fan Controller with Look-up Table

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Part Number: ADM00902

Summary:

The EMC2103-4 Fan Controller and Temperature Sensor evaluation board provides an easy to use development platform with access to all device registers and settings such as spin up, ramp rate control and alerts. The board can drive 3 or 4 wire fans and provides access to all 3 external temperature channels.

The GUI reports and plots the temperature and fan speed and also has a demo mode

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Documents and Software

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⌄ Documents

ADM00902 Demonstration Board for EMC2103 User's Guide	11/13/2019	5MB	☆
Thermal Management Utility (v1.5.8)	11/19/2019	6MB	☆
EMC2103-4 Fan Controller with Look-up Table (ADM00902) Schematics file	8/7/2019	1MB	☆
EMC2103-4 Fan Controller with Look-up Table (ADM00902) Gerber files	8/7/2019	572KB	☆
EMC2103-4 Fan Controller with Look-up Table (ADM00902) BOM file	8/5/2019	67KB	☆

Product Features

- PC GUI that reports and plots temperature and fan speed.

- Powered from USB (up to 2.5W total power consumption) or external power, selectable via a jumper

- On board 12V, 40mm fan with 3 wires driven with a high side switching topology for constant voltage and low power loss compared with linear drivers

- 1 internal + 3 external temperature channels accessible via a terminal block

- On-board heat source

- Can be used with 3 or 4 wire fans