AMC7123/4

Flash Light LED Driver

ADD MICROTECH CORP.

DESCRIPTION

The AMC7123/4 is member of ADDM North Star White/Blue LED driver family. No external component is required. Especially good for use flash light LED driver. The special circuit design provides over 90% efficiency in low noise. The AMC7123/4 is Integrated with 2 control pins for LEDs driving current control.

Target end applications are camera flash light LCD driver for mobile phone, smart phone, PDA, Digital Still Camera, etc.

Device Name	Maximum LED Drive Current	Minimum LED Drive Current	LED Channel
AMC7123DN	120mA	20mA	1
AMC7124DN	120mA	20mA	3

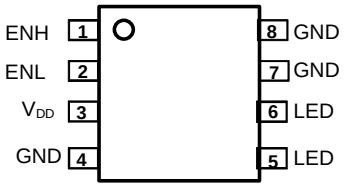
FEATURES

- **No external component required.**
- **Programmable output current control by ENL, ENH**
- **120mA LED driving capability.**
- **Output short / open circuit protection.**
- **1 channel, 3 channels available in MSOP-8 package..**
- **High efficiency**
- **Thermal Shut-Down protection.**
- **Supply voltage range 2.7V ~ 6V**
- **0.1uA Shut-Down current**
- **2KV HBM ESD protection**
- **Advanced Bi-CMOS process.**

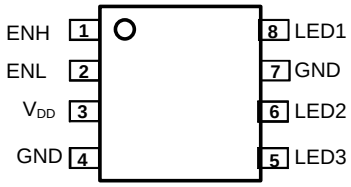
APPLICATIONS

- Mobile Phone, Smart Phone Camera LED Flash Light.
- Digital Still Camera LED Flash Light.

PACKAGE PIN OUT



AMC7123DN



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