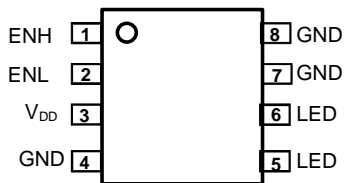


AMC7123/4

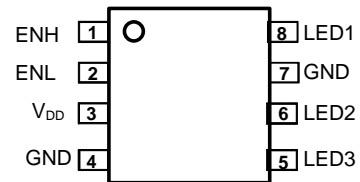


Flash Light LED Driver

DESCRIPTION				FEATURES													
<p>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.</p> <p>Target end applications are camera flash light LCD driver for mobile phone, smart phone, PDA, Digital Still Camera, etc.</p>				<ul style="list-style-type: none"> ■ 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. 													
<table border="1"> <thead> <tr> <th>Device Name</th> <th>Maximum LED Drive Current</th> <th>Minimum LED Drive Current</th> <th>LED Channel</th> </tr> </thead> <tbody> <tr> <td>AMC7123DN</td> <td>120mA</td> <td>20mA</td> <td>1</td> </tr> <tr> <td>AMC7124DN</td> <td>120mA</td> <td>20mA</td> <td>3</td> </tr> </tbody> </table>				Device Name	Maximum LED Drive Current	Minimum LED Drive Current	LED Channel	AMC7123DN	120mA	20mA	1	AMC7124DN	120mA	20mA	3	<h3>APPLICATIONS</h3> <ul style="list-style-type: none"> ■ Mobile Phone, Smart Phone Camera LED Flash Light. ■ Digital Still Camera LED Flash Light. 	
Device Name	Maximum LED Drive Current	Minimum LED Drive Current	LED Channel														
AMC7123DN	120mA	20mA	1														
AMC7124DN	120mA	20mA	3														
PACKAGE PIN OUT																	



AMC7123DN



AMC7124DN