

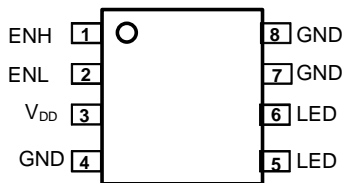
# AMC7123/4



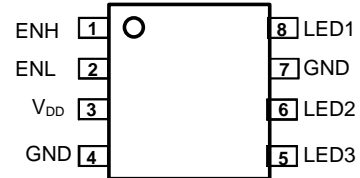
## Flash Light LED Driver

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> <table border="1" data-bbox="211 1039 820 1144"> <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	<ul style="list-style-type: none"> <li>■ No external component required.</li> <li>■ Programmable output current control by ENL, ENH</li> <li>■ 120mA LED driving capability.</li> <li>■ Output short / open circuit protection.</li> <li>■ 1 channel, 3 channels available in MSOP-8 package..</li> <li>■ High efficiency</li> <li>■ Thermal Shut-Down protection.</li> <li>■ Supply voltage range 2.7V ~ 6V</li> <li>■ 0.1uA Shut-Down current</li> <li>■ 2KV HBM ESD protection</li> <li>■ Advanced Bi-CMOS process.</li> </ul>
Device Name	Maximum LED Drive Current	Minimum LED Drive Current	LED Channel										
AMC7123DN	120mA	20mA	1										
AMC7124DN	120mA	20mA	3										
	APPLICATIONS												
	<ul style="list-style-type: none"> <li>■ Mobile Phone, Smart Phone Camera LED Flash Light.</li> <li>■ Digital Still Camera LED Flash Light.</li> </ul>												

### PACKAGE PIN OUT



AMC7123DN



AMC7124DN