

**TABLE 2—A COMPARISON OF INTERNAL- AND EXTERNAL-SWITCH APPROACHES**

<b>Power-manager implementation</b>	<b>Switch resistance (m<math>\Omega</math>)</b>	<b>Circuit area (in.<sup>2</sup>)</b>	<b>Overtemperature protection</b>	<b>Relative cost</b>
<b>Internal switch</b>	<b>100</b>	<b>0.30</b>	<b>Yes</b>	<b>0.8</b>
<b>External switch</b>	<b>50</b>	<b>0.5</b>	<b>No</b>	<b>1.0</b>