The DA2077-AL flyback transformer has been specifically developed for use with ON Semiconductor’s NCP1027 Standby Power Supply for ATX Applications and is specified in Application Note AND8241/D.

This transformer is designed for universal input, 85 – 265 Vac. It operates in continuous conduction mode within an input voltage range of 120 Vdc to 375 Vdc and at a 65 kHz switching frequency. Primary to secondary isolation is 2000 Vrms tested for one minute.

Coilcraft can also custom engineer a transformer to meet your specific requirements. For free evaluation samples, contact Coilcraft or visit www.coilcraft.com.

<table>
<thead>
<tr>
<th>Part number</th>
<th>Inductance at 0 A(^1) ±10% (mH)</th>
<th>DCR max (Ohms)</th>
<th>Leakage inductance(^2) max (µH)</th>
<th>Turns ratio</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA2077-AL</td>
<td>3.4</td>
<td>2.53</td>
<td>0.042</td>
<td>0.574</td>
<td>114</td>
</tr>
</tbody>
</table>

1. Inductance is for the primary, measured at 10 kHz, 0.1 Vrms, 0 Adc
2. Leakage inductance tested at 100 kHz, 0.1 Vrms
3. Operating temperature range -40°C to +85°C.
4. Electrical specifications at 25°C.

Recommended Board Layout

Weight: 16.5 g
Terminations: Matte tin over copper
Packaged: 49 parts per tray