TIIDA-010009
24V input power supply for powering servo drives

- Reverse polarity protect
- Separate module, daughter card!

TPS62125
- Configurable output voltage (3V default)
- Current limit (default, 400mA)

TPS2150
3.3V or 5V @ 0.6A to 1A

F2837/9D
LaunchPad

LaunchPad Adapter
{5/17 and 6/28/}

Optional
Level Shifter 3V3 to 5V
SN74LV2T145

THVD1450
THVD1450

Line Operation
Line Termination

Encoder Signals
Connector 15-pin
Sub-D35 Connector
(Female)

Cable
Length up to
100m

Absolute Position
Encoder

Rev Notes
Approved by
ECN #
Approved Date

N/A N/A N/A N/A N/A

Revision History

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Version control disabled

SVN Rev: TIDA-010026

Number: E1

TID #: TIDA-010026

Orderable: N/A

http://www.ti.com

http://www.ti.com/support
Interface to Endat2.2 Encoders

Variant/Label Table

<table>
<thead>
<tr>
<th>Variant</th>
<th>Label Text</th>
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</thead>
<tbody>
<tr>
<td>001</td>
<td>Default</td>
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</table>

These assemblies are ESD sensitive, ESD precautions shall be observed.

These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

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