



AN-OP2

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## APPLICATION NOTE

01/27/10

### DRIVING OPTREX PANELS WITH ACI I-DRIVE3 LED DRIVERS

#### 1. Purpose

The purpose of this application note is to identify the proper I-DRIVE3 LED driver to drive specific Optrex Factory LED Backlit LCD panels. Additionally, cable assemblies that are available are identified that will facilitate the interconnection of I-DRIVE3 LED drivers to the specific Optrex panel.

#### 2. Process

The process to identify the proper LED driver for an Optrex panel, and its associated cables, is as follows:

- a) Identify the Optrex Panel P/N to be driven in Table 1.
- b) Use the ACI I-DRIVE3 LED Driver specified in Table 1.
- c) Connect the LED Driver to the Display per the connection diagram specified in Table 1.

#### 3. Additional Interface Products

Additional cable assemblies that are available for I-DRIVE3 are identified in Table 2. These cable assemblies can be used to connect the I-DRIVE3 to the final system hardware or can be used during the system prototype phase of the project to accelerate development.

#### 4. Technical Support

Any questions or requirements for technical support can be addressed to your ACI Sales Professional for prompt attention.





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Part Number	Description
27-A0031	I-DRIVE3 CON2 Output Cable Pigtail Assembly, 12.25", 5 Conductor
27-A0033	I-DRIVE3 CON2 Output Cable Pigtail Assembly, 8.25", 2 Conductor
27-A0040	I-DRIVE3 CON1 Input Cable Pigtail Assembly, 12.25", 12 Conductor
27-A0050	I-DRIVE3 CON2 Output Cable Pigtail Assembly, 11.5", 2 Conductor

Table 2 ó Additional Cable Assemblies



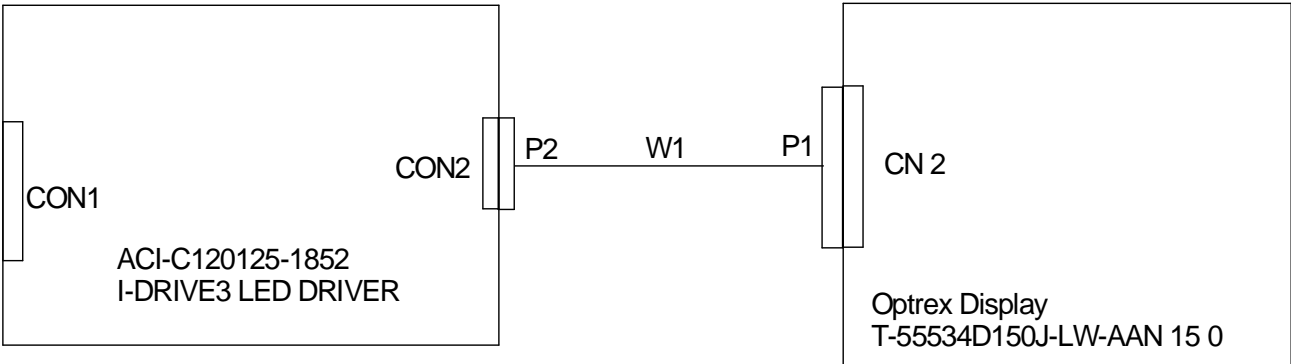
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Appendix A  
Panel Connection Diagrams



W1	Cable Assembly	1	27-A0064
REF. DES.	Description	QTY.	Part Number

Figure A-1: T-55534D150J-LW-AAN 15 0