```
==========================================================================
Expedition PCB - Pinnacle - Version EXP2005.1_060615.00 2005.1
==========================================================================

Job Directory:
\\hep-ntserver\engindesigns\DES\tcmoore\Technical_Documentation\DHE_Internal_Crate_C
ontroller\Vicor_Fan_RPM_OK_PCB\Vicor_Fan_RPM_OK\PCB\

Design Status Report:
\\hep-ntserver\engindesigns\DES\tcmoore\Technical_Documentation\DHE_Internal_Crate_C
ontroller\Vicor_Fan_RPM_OK_PCB\Vicor_Fan_RPM_OK\PCB\LogFiles\DesignStatus_01.txt

Tue Sep 15 14:40:47 2009

==========================================================================
DESIGN STATUS
==========================================================================
Board Size Extents  ..... 1 X 0.65 (in)
Route Border Extents  ..... 0.4 X 0.6 (in)
Actual Board Area  ..... 0.65 (in)
Actual Route Area  ..... 0.24 (in)

Placement Areas: Name            Available         Required
Required/Available
                 Entire Board    1.3 Sq. (in)      0.07 Sq. (in)     5.44 %

Pins  ..... 15
Pins per Route Area  ..... 62.5 Pins/Sq. (in)

Layers  ..... 4
    Layer 1 is a signal layer
        Trace Widths  ..... 10
    Layer 2 is a signal layer
        Trace Widths  ..... 10
    Layer 3 is a signal layer
        Trace Widths  ..... 10
    Layer 4 is a Positive Plane Layer with nets
        CATHODE
        Trace Widths  ..... None.

Nets  ..... 6
Connections  ..... 10
Open Connections  ..... 0
Differential Pairs  ..... 0
Percent Routed  ..... 100.00 %

Netline Length  ..... 0 (in)
Netline Manhattan Length  ..... 0 (in)
Total Trace Length  ..... 2.02 (in)

Trace Widths Used (th)  ..... 10
Vias  ..... 1
Via Span  Name                   Quantity
   1-4    026VIA                  1

Teardrops..... 0
Breakouts..... 0

Virtual Pins..... 0
Guide Pins ..... 0

Parts Placed  ..... 5
    Parts Mounted on Top  ..... 5
```

```
        SMD  ..................... 3
        Through  ................ 2
        Test Points  ............ 0
        Mechanical  ............. 0
    Parts Mounted on Bottom  ... 0
        SMD  ..................... 0
        Through  ................ 0
        Test Points  ............ 0
        Mechanical  ............. 0
    Embedded Components ........ 0
        Capacitors .............. 0
        Resistors ............... 0
    Edge Connector Parts  ...... 0

Parts not Placed  .............. 0

Nested Cells  .................. 0

Jumpers  ....................... 0

Through Holes  ................. 9
    Holes per Board Area  ...... 13.85 Holes/Sq. (in)
Mounting Holes  ................ 0
```