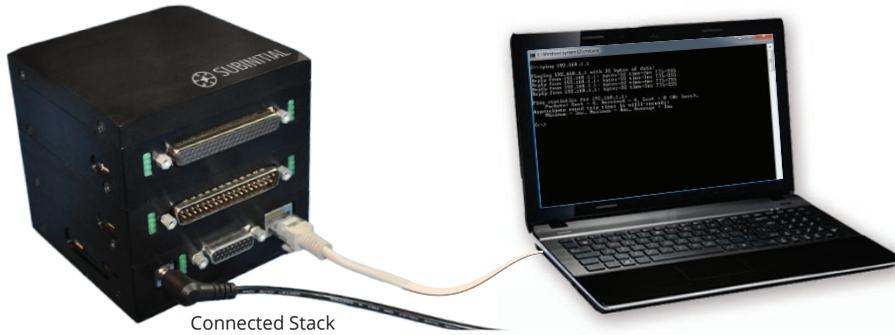


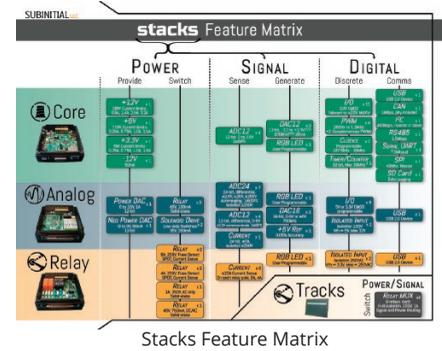
# Getting Started with stacks

## A Step-by-Step Guide

- CONNECT** the Stacks Core to your Decks, then connect the Stacks Core to your network. Connect the power. The default IP address for the Stack is 192.168.1.49. Ensure you can ping this address. Now, pull up the Stacks Feature Matrix for reference.



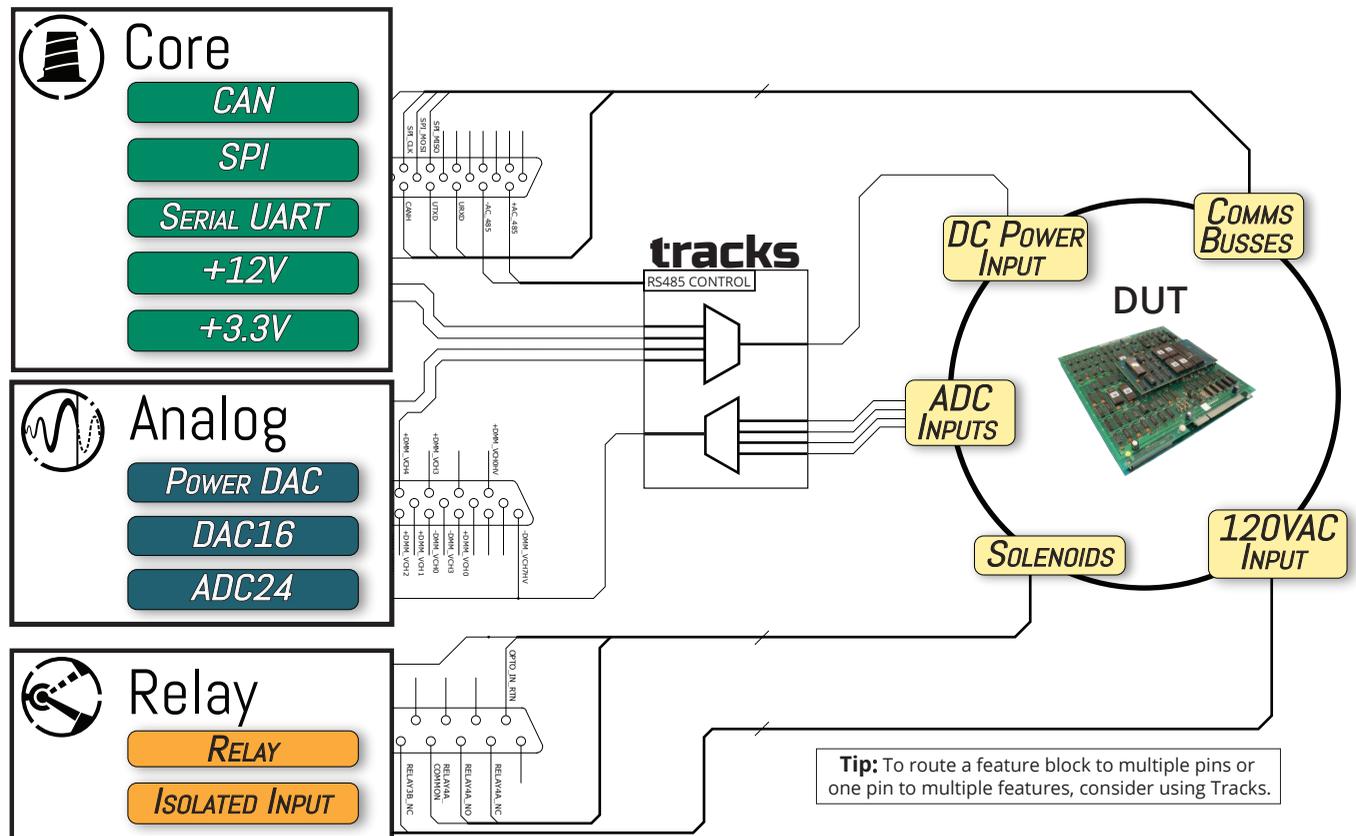
Connected Stack



Stacks Feature Matrix

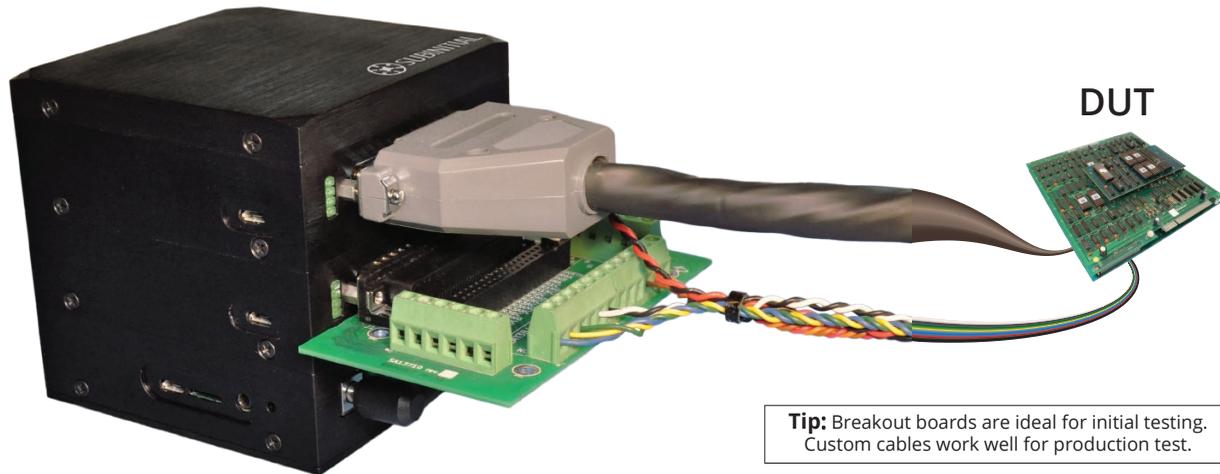
For more details getting your Stack on the network, check out the Stacks Connectivity Troubleshooting Guide.

- IDENTIFY** feature blocks necessary to test your DUT (Device Under Test). Determine the necessary connections from the Stack to the DUT. An example is pictured below:



For more details on connectivity, see the pinouts in the Datasheets.

3. **MAKE** the connections for the test.  
Connect directly with custom cables for your DUT, or use breakout boards.



**Tip:** Breakout boards are ideal for initial testing.  
Custom cables work well for production test.

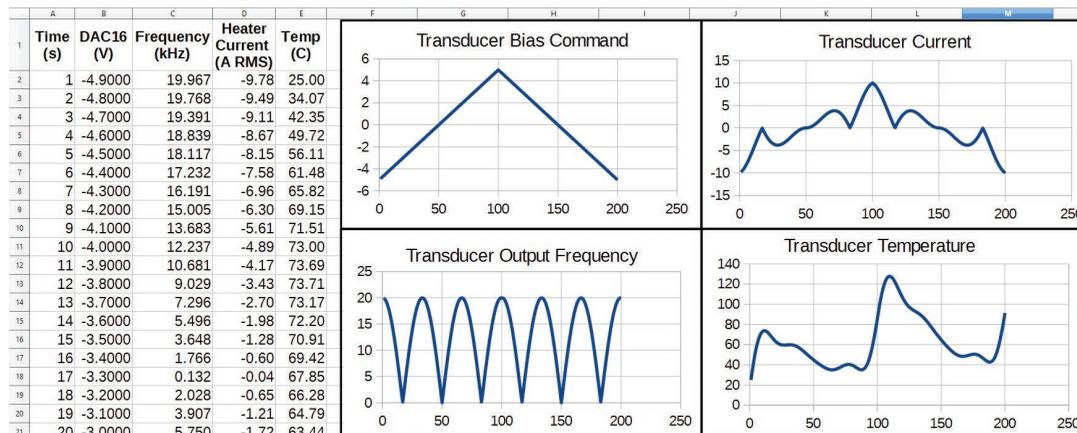
4. **WRITE** your test procedure in Python using the Subinital Python library for easy access to the Stack's functionality.

Alternately, write a script in any language and use Modbus TCP to interface to the Stack via the Stack's Modbus register set.



For more details on Python scripting for Stacks, see our example Python scripts.

5. **RUN** your test, collect your data, view your results.



For more details on saving your results, see our example Python scripts.

6. Got another design to test? Repeat steps 2 through 5 to automate all your test procedures.