# SIGNAL ROUTING



# ZT-169 DC-18 GHz
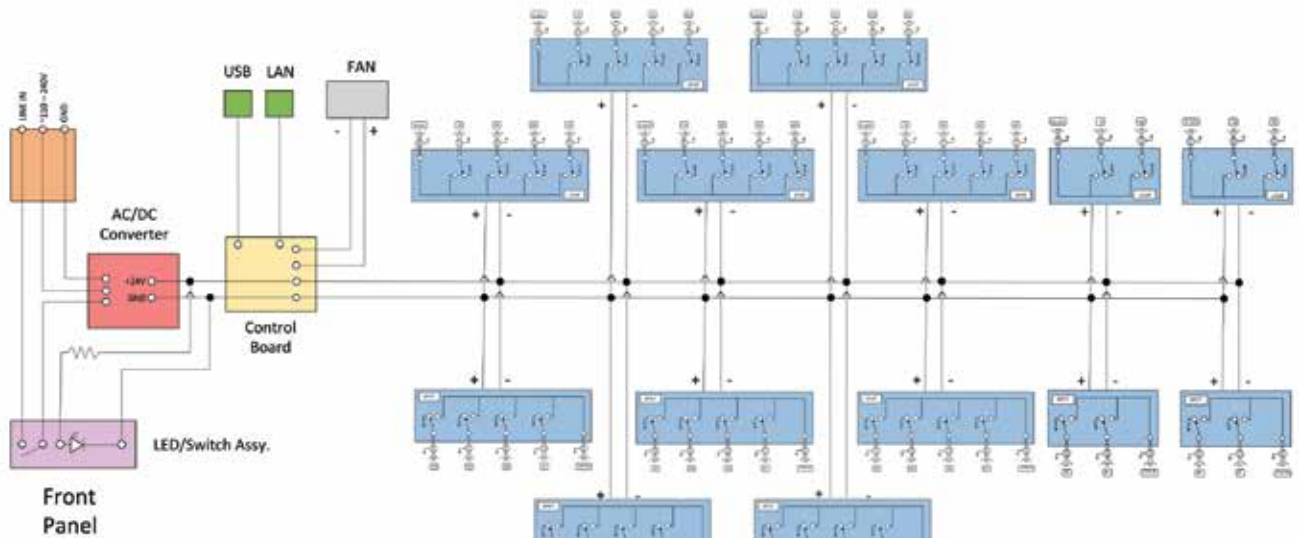## Front Panel Mounted Switch Matrix

### Functional Description

The ZT-169 provides a customized configuration of 4 SPDT switches and 10 SP4T switches mounted on the front panel of a 4U, 19" chassis, conveniently controlled via USB or Ethernet from the user's PC.  This particular design was specially developed as part of a complex, three-module test set to manage complex signal routing traffic for automated testing of multiple unique DUTs in parallel.

## Electrical Performance

| PARAMETER | SPECIFICATIONS | | | |
|---|---|---|---|---|
| | Unit | Min. | Typ. | Max. |
| Frequency Range | GHz | DC | - | 18 |
| RF Power | dBm | - | +10 | - |
| Insertion Loss (for all ports) | dB | - | 0.5 | - |
| Isolation between ports | dB | - | 80 | - |

Mini-Circuits®

## ZT-169 Functional Schematic



## ZT-169 Main GUI