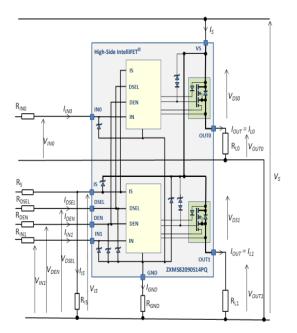


Quad sites' high-side power switch test solution

The High-Side switch features a vertical DMOS MOSFET driver and integrated protection that include:

- Over-voltage protection including load dump
- Over temperature protection with auto restart
- Reverse polarity protection
- Short-circuit protection
- ESD protection
- Loss of ground protection
- Voltage-dependent current limiting



4 Sites' Test Configuration:

Module	FOVI	DDC1230E	QTMU	CBIT	DPU32
Quantity	4	4	1	2	1

SineTest's test solution demonstrated our unique technology: mixed-using of analog and discrete test modules together to solve the complicated test.

- > Tester model: STT-700X (13 slots)
- ➤ 1xDDC1230E (discrete test module) provides 100A current and 1400V voltage (force& measurement)
- ➤ 4xFOVI provide 32 channel 50V/1A sources
- > 1xDPU32(100Mhz) provides 32 digital pins which can modify the pattern dynamically
- ➤ 1xQTMU provides 4 timing measurement unit
- ➤ 2xCBIT provides 144 control bits