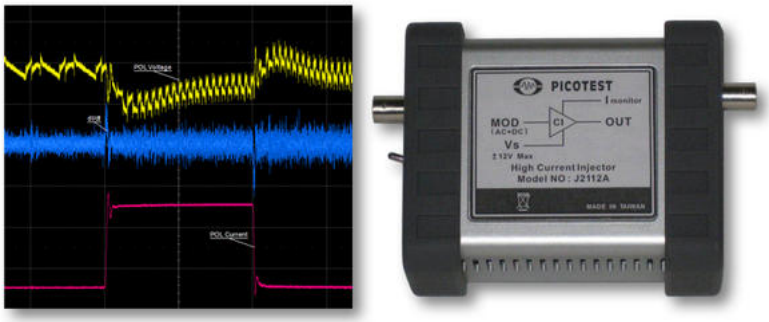
Test product designed to support high current demand POL regulator



Picotest.com has released a new test product designed to support high current demand Point of Load (“POL”) regulators and PDN measurements.

The J2112A is a higher current version of the most popular injector product, the J2111A Current Injector. The J2112A offers a greater current range (1A vs. 100mA for the J2111A) while improving rise/fall times down to 10ns and achieving a 40MHz bandwidth.

The J2112A is used for fast and accurate (better than 1uA resolution) transient load stepping and profiling, as well as PDN, output impedance and non-invasive phase margin measurement.

The J2112A is vastly superior to traditional electronic loads in many respects including its speed, accuracy and essentially zero capacitive loading. This last feature makes it non-invasive. That means that unlike traditional electronic loads and function generators, it does not load circuit being tested or alter the measurement by its presence. These characteristics are ideal for PDN measurement.

The Signal Injectors, also known as test interface adapters, greatly improve power supply, noise, EMI, and PDN testing accuracy. The Signal Injectors work with network analyzers, real-time spectrum analyzers, and oscilloscopes, from all manufacturers.

The J2112A adds to Picotest’s already industry leading lineup of stability, PSRR, and DC Bias injectors. The J2112A is available for immediate purchase.

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Links:
[1] http://www.Picotest.com