Design Number: 94917

Final Project Test Report: Low Power Impulse Generator

Circuits Built On-chip

The circuit configuration of the impulse generator has shown in the following figure:

Crossed-couple LC oscillator and buffer with the impulse generator.
Test Bench Setup

\[ V_{IN} \]
\[ a \]
\[ b \]
\[ c \]
\[ V_{PULSE} \]

Test setup with the test PCB.
Test Results

Impulse generator output measured using DSO-X 3104A oscilloscope by Agilent Technologies

PSD of the impulse generator output measured using N9010A EXA Signal Analyzer by Agilent