**Circuit Conditions**

fs = 50kHz

duty cycle: 50%

vin = 24V

Rload = ~20Ω

Probe res: 1MΩ, 1x

|  |  |  |
| --- | --- | --- |
| Variable | Theoretical | Measured |
| vC |  | V2+ |
| iC |  | CS4 |
| iL |  | CS5 |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Rdson: <https://pdf1.alldatasheet.com/datasheet-pdf/view/68219/IRF/IRF640N.html>

A graph of a voltage

Description automatically generated