FP/BA/MA:
Improving a Optical Fault Injection Setup

Description:
Fault attacks pose a serious threat to the implementation of cryptographic algorithms, as they can be performed using even low cost equipment [1]. Usually localized semi invasive optical fault attacks are considered out of reach for attackers with a limited budget. But as shown by [2] it is indeed possible to carry out this kind of attacks. Your objective would be to improve the existing open-fi setup in terms of spatial and temporal resolution.

References


Please apply to:
Technische Universität München
Lehrstuhl für Sicherheit in der Informationstechnik
M.Sc. Michael Gruber
Theresienstraße 90
80333 München
or via email: m.gruber@tum.de

Visit us at https://www.sec.ei.tum.de/

1https://github.com/open-fi/fault-injector/