

Accelerating transient fault injection campaigns by using Dynamic HDL Slicing

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Automated identification of application-dependent safe faults in automotive systems-on-a-chips

Bagbaba, Ahmet Cagri; Augusto da Silva, Felipe; Sonza Reorda, Matteo; Hamdioui, Said; **Jenihhin, Maksim;** Sauer, Christian Electronics 2022 / art. 319 <https://doi.org/10.3390/electronics11030319> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combining fault analysis technologies for ISO26262 functional safety verification

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Determined-safe faults identification : a step towards ISO26262 hardware compliant designs

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Efficient fault injection based on dynamic HDL slicing technique

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Improving the confidence level in functional safety simulation tools for ISO 26262

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Representing gate-level SET faults by multiple SEU faults on RT-level

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Use of formal methods for verification and optimization of fault lists in the scope of ISO26262

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