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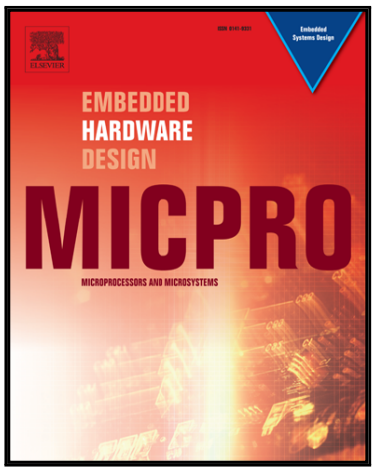

Self-reconfigurable implementation for a Switched Beam Smart Antenna

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Highlights

- Self-reconfigurable system for switched beam smart antenna.
- The system can dynamically alter the beam pattern and the fixed-point format.
- Interrupt-driven run-time reconfiguration for arithmetic overflow occurrences.
- A dynamic management framework is introduced for swapping hardware configurations

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