

Asymmetric NDI electron transporting SAM materials for application in photovoltaic devices

Svirskaitė, Lauryna Monika; **Mandati, Sreekanth; Spalatu, Nicolae**; Malinauskiene, Vida; Karazhanov, Smagul; Getautis, Vytautas; Malinauskas, Tadas Synthetic metals 2022 / art. 117214 <https://doi.org/10.1016/j.synthmet.2022.117214> [Journal metrics at Scopus](#)
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Five-Stage, Power Efficient, Dual Rail, 100MHz, 10dB Programmable Gain Amplifier with Down-Stepping Functions in 28nm CMOS

Kampus, Vahur; Teschner, Robert; Gaier, Ulrich; Linder, Thomas; Nössing, Gerhard; Trojer, Martin IEEE International Symposium on Circuits and Systems (ISCAS), Sapporo, Japan, 26-29 May 2019 : proceedings 2019 / p. 1-5
<https://doi.org/10.1109/ISCAS.2019.8702077>

A fully differential, 200MHz, programmable gain, level-shifting, hybrid amplifier/power combiner/test buffer, using pre-distortion for enhanced linearity

Kampus, Vahur; Rang, Toomas; Knaller, Daniel PRIME 2018 : 14th Conference on PhD Research in Microelectronics and Electronics 2018 / p. 5-8 : ill <https://doi.org/10.1109/PRIME.2018.8430372>

A smart capless voltage regulator for very high bandwidth A/D and D/A converters in a standard 28nm CMOS process

Kampus, Vahur; Rang, Toomas BEC 2016 : 2016 15th Biennial Baltic Electronics Conference : proceedings of the 15th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 3-5, 2016, Tallinn, Estonia 2016 / p. 43-46 : ill
http://www.ester.ee/record=b2150914*est

Unleashing the full power of feed-forward opamps: a 200MHz, fully differential, conditionally stable, 36dB gain PGA, using a four-stage multi-path 2.5V amplifier with double feed-forward compensation

Kampus, Vahur; Trojer, Martin; Teschner, Robert 2018 IEEE Nordic Circuits and Systems Conference (NORCAS): NORCHIP and International Symposium of System-on-Chip (SoC), Tallinn, Estonia, 2018 : proceedings 2018 / p. 1-5
<https://doi.org/10.1109/NORCHIP.2018.8573502>