

Dear

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Editorial board of the Journal Informacije MIDEM chose you to act as a reviewer of the sent article. Based on your judgement the board will decide whether to publish or refuse the contribution. Please, return the form giving also written opinion about the contribution.

**We are expecting your answer within 14 days.**

*Uredništvo revije " Informacije MIDEM " Vas je izbralo za recenzenta priloženega prispevka. Na osnovi Vašega mnenja se bo uredništvo odločilo za objavo ali zavrnitev prispevka. Prosim, poleg obrazca podajte tudi pismeno mnenje o prispevku.*  
**PROSIM ZA STROKOVNO RECENZIJO ČLANKA V ROKU 14 DNI PO PREJETJU.**

| Author :   | Title :   |
|--|---|
| Ramanjaneyulu Ningampalli<br>Satyanarayana Donti and<br>SatyaPrasad Kodati | A 3.4 GB/s Full-Swing 2 <sup>7</sup> -1 PRBS generator Integrated with<br>Fast-Locking PLL using Transmission gate Charge-Pump in<br>0.18-μm CMOS for HDMI applications |

Ljubljana :

Editor-in-chief  
Marko Topič:

## REVIEW POINTS

(MERILA ZA RECENZIJU)

|  | YES | NO | Partially |
|--|-----|----|-----------|
| Is the contribution content appropriate for publishing?<br><i>Ali je prispevek dovolj tehten in vsebinsko primeren za objavo ?</i>                             |     | X  |           |
| Is the content on the appropriate scientific level?<br><i>Ali je vsebina na ustrezni znanstveno strokovni ravni ?</i>  |     | X  |           |
| Has the contribution been published in the same or similar form before ? where?<br><i>Ali je bil material že objavljen v takšni ali podobni obliki ? Kje ?</i> |     |    | X         |
| Is the contribution prepared according to instructions for authors?<br><i>Ali je prispevek napisan in opremljen v skladu z navodili za avtorje ?</i>           |     |    | X         |
| Is data reliable and documents the findings appropriately ?<br><i>Ali so podatki zanesljivi in zadostno dokumentirajo ugotovitve ?</i>                         |     | X  |           |

### REVIEWER'S EXPLANATION :

OBRAZLOŽITEV RECENZENTA :

- 1) The proposed LFSR generator lacks a start-up circuit to avoid the all-zero stall state.
- 2) Some important parameters of the charge pump, like the backlash time, are not considered.
- 3) The schematic of the delay cell has no output.
- 4) The phase-noise and jitter specifications are inaccurate and as such make no sense.
- 5) It seems that the paper only contains inaccurate simulations. It lacks both theoretical background and practical experiments.

### SUGGESTIONS TO THE EDITORIAL BOARD:

PREDLOGI UREDNIŠTVU :

- ◇ The contribution can be accepted as original scientific work (prispevek lahko sprejmete kot izvirno znanstveno delo)
- ◇ The contribution can be accepted as professional work (prispevek lahko sprejmete kot strokovno delo)
- ◇ The contribution can be accepted as an overview work (prispevek lahko sprejmete kot pregledno delo)
- ◇ The contribution can be accepted after corrections (prispevek lahko sprejmete po popravkih )
- ◇ **the contribution is to be rejected** (prispevek zavrnite)

|                              |                |
|------------------------------|----------------|
| Reviewer (Recenzijo opravil) | Date (datum) : |
| Matjaž Vidmar                | 03.06.2017     |