



# IEEE Solid-State Circuits Society



# The Society Helps the IC Design Community Network

- Mission:
  - To foster the development and facilitate the exchange of knowledge about integrated circuits design, implementation and application that benefits members, the profession and humanity.



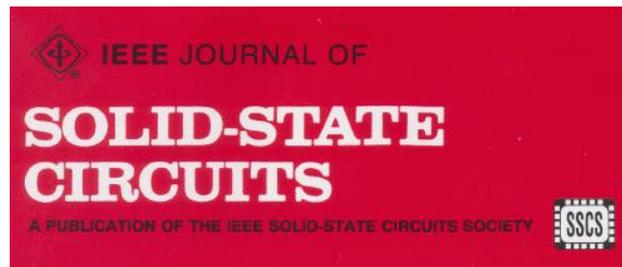
# Where SSCS is Tops

Free online  
access for  
SSCS  
members

Paper copy  
by mail \$31  
(2013)

## ***Journal of Solid-State Circuits*** (since 1966)

- Integrates multiple essential fields
- Predominantly fabricated designs
- Most downloads of all 130 technical transactions in Xplore.
- Impact factor =3.23 (<10%)
- 3,000 pages a year



# Where SSCS is Tops



## International Conference of Solid-State Circuits

**ISSCC** Each February in San Francisco 3,000 attend (since 1955)

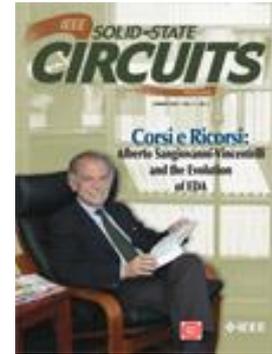
- All the Articles in Xplore
- Past Tutorials now online



- *URL to be provided Dec 15, 2010* 

# What else will you get?

1. Quarterly Magazine  
*(Historical breakthroughs by those who made them)*



# What else will you get?

2. All the conferences online



3. RFIC Virtual Journal (*starting 2012*)

Key papers from 3 Societies

4. Quarterly Email Reminder

of discount conference registration deadlines and most popular JSSC article.

5. Satisfaction professional participation



# SSCS Starts Conversations

- Did you see the JSSC best read article last quarter on “...”
- “The ISSCC article on .... showed that our technology can now do this... Do you think that will be worth industry money to develop for widespread applications?”

Even an insider, whether company, academic, or consulting, needs the Society to help get a broader perspective.



# Professional Participation Funds Advancement of the Field

- Travel grants for students conference exposure
- Predoctoral Achievement Awards
- Chapter programs and events link the world.
- Awards remind us of the giants in our field
- A focal point to help grow education and service to our community

SSCS is non-profit. It's not just about what you get. It's about the community worth advancing.



# SSCS Facts

- 10,000 members
- 75 Chapters around the World
- A place to grow your profession besides your employer.
- \$28 for 2011

I've used my years of membership to network. You can join too.

[Sscs.org/join](http://Sscs.org/join)



# Broader Views

## COSPONSORED PUBLICATIONS

*Journal of Display Technology*  
*Transactions on Computer Aided Design*  
*Transactions on Engineering Management*  
*Transactions on Semiconductor Manufacturing*  
*Sensors Journal*  
*Transactions on VLSI Systems*

## COUNCILS

Biometrics Council  
Council on Electronic Design Automation  
NanoTechnology Council  
IEEE Technical Committee on RFID  
Sensors Council Darrin Technology Management Council

**SSCS Field of Interest**  
The design, implementation and application of solid-state integrated circuits.

Other Societies focus on these edge interests  
Design Software, Systems, Theory, Antennas, Microwaves, Propagation, Packaging, Manufacturability, Components, EMC

IC design and realization integrates a lot of technical fields.

