



**Silicon &
Software
Systems**

Bob Tait
Marketing Director

S3 ensures time to market for SoC designers by delivering silicon proven converter IP products tailored for:

- Wireless - WLAN, WiMAX
- Digital TV - DVB-T/S/H, DAB
- Video - RGB, YUV

on TSMC 90LP, 90G and 65LP nodes

**Mixed Signal IP =
Meeting
Schedules for
Consumer Silicon**



Silicon Proven IP at 90nm TSMC LP

AFE – 2xADC, 2xDAC, ADC&DAC & PLL

Or components –

80MSPS 10bit Dual-ADC

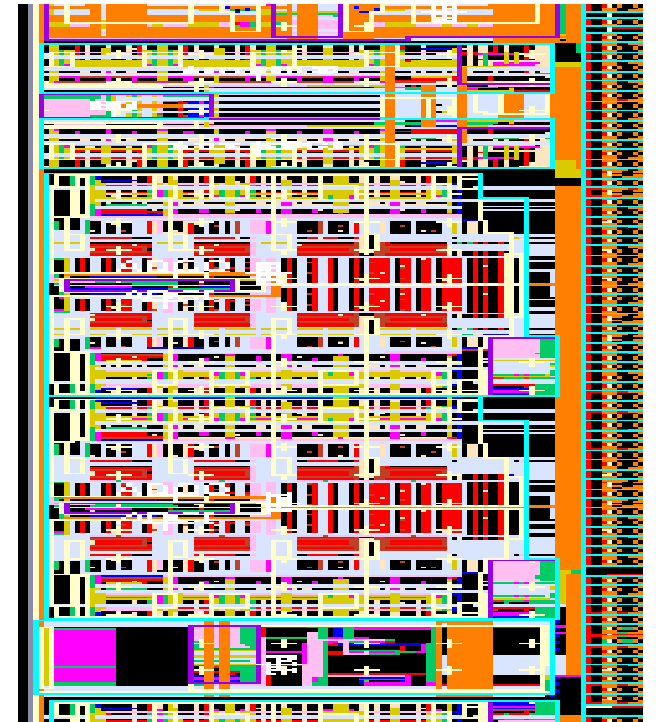
80MSPS 12bit Dual-DAC

20MSPS 8bit ADC

1MSPS 8bit DAC

Low phase noise PLL

Also available on 65nm



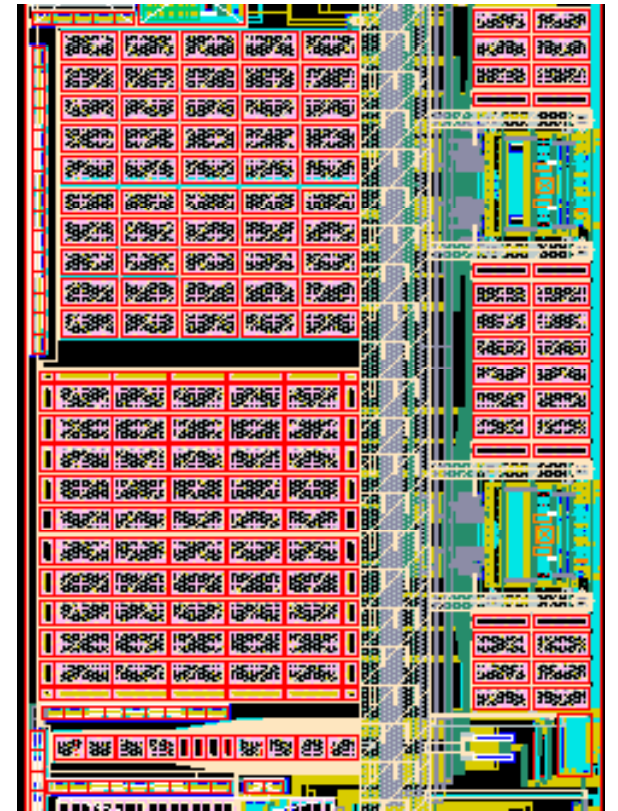
WiMax WiBro WiFi MiMo

Silicon Proven IP at 90nm TSMC LP

30MSPS 10bit Dual-ADC

160 MSPS 11-bit $\Sigma\Delta$ ADC

Low phase noise PLL



Mobile TV

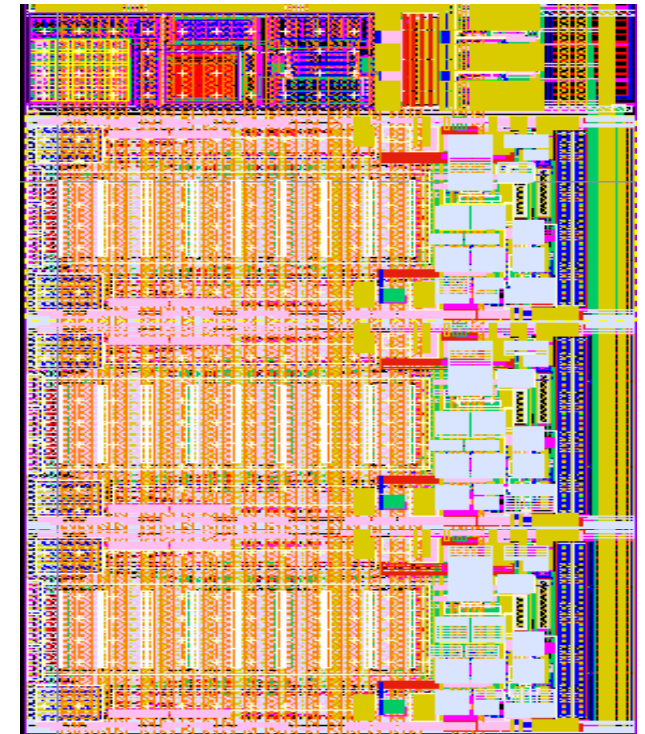
Silicon Proven IP at 90nm TSMC LP

100MSPS 10bit Dual-ADC

160MSPS 12bit Triple-DAC

Low phase noise PLL

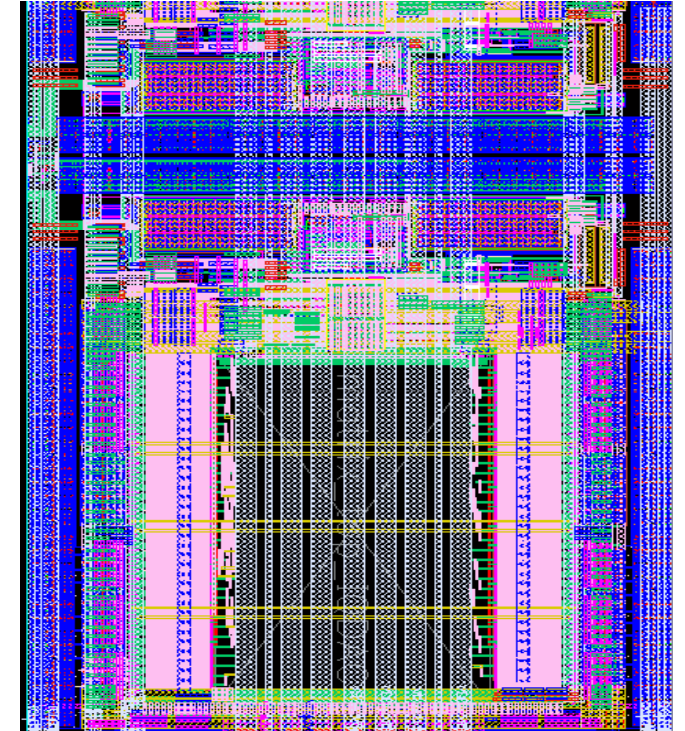
Also available on 65nm



Digital TV & Video

More details on S3's IP portfolio are available on our website at www.s3group.com

Let's see how we can take the risk out of choosing 90nm and 65nm Mixed Signal IP for your next project and support your SOC integration, verification and physical implementation requirements.



Mixed Signal IP = Meeting Schedules for Consumer Silicon

Thank you!



- Please stay and talk with Bob
- Explore S3 IP at ChipEstimate.com
- Use S3 IP to Plan a Chip at DAC (get a DAC Trip Report!)

