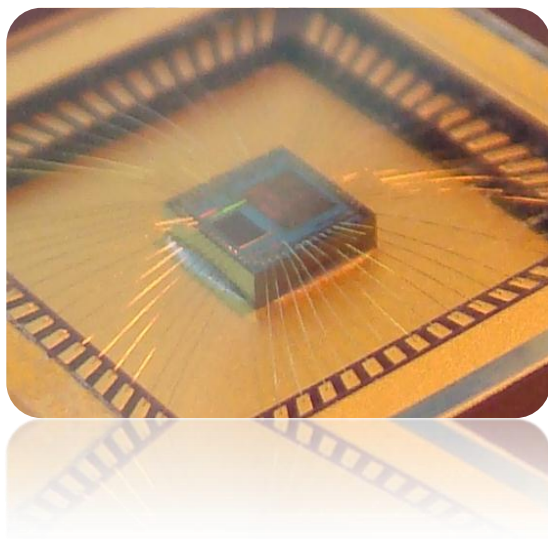




Chipus Microeletrônica

www.chipus.com.br



Inovação de Produtos com Projeto de Circuitos Integrados

Murilo Pilon Pessatti

Diretor Presidente

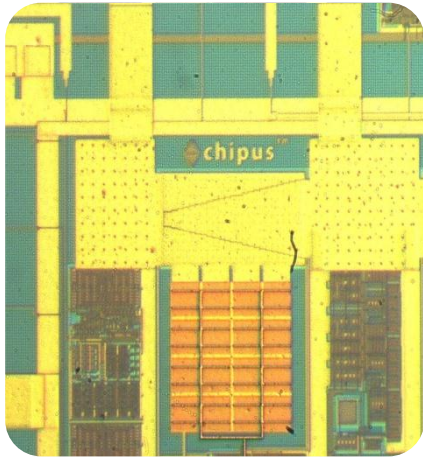
abinee



TEC

2012

EMPRESA



SEDE – FLORIANÓPOLIS/SC



“**Empresa Privada**, fundada em **2008**, participante do **CI-Brasil**, especializada em projeto de circuitos integrados **Analógicos e de Sinais Mistos**”

FOCO - Projeto de circuitos integrados **Analógicos e de Sinais Misto**, de alto desempenho e baixo consumo.

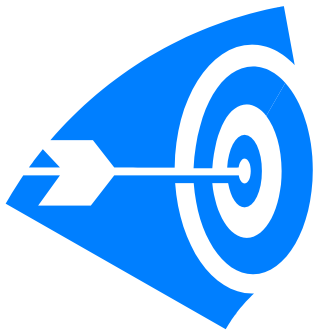
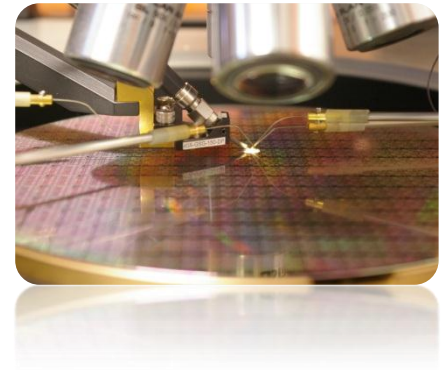
TIME - 10 Colaboradores com experiência internacional em empresas da área de semicondutores.



PROPOSTA DE VALOR

CIs de Alto Desempenho e Baixo Consumo

Experiência em CIs Analógicos e de Sinais Mistos

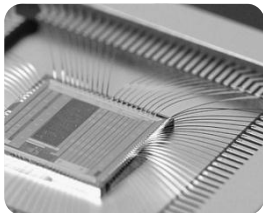
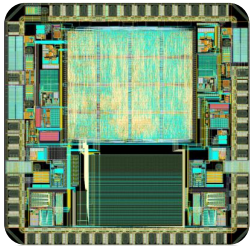


Histórico de Sucesso

95% dos projetos → “1st Pass Silicon”

PORTFOLIO "Silicon Proven IPs"

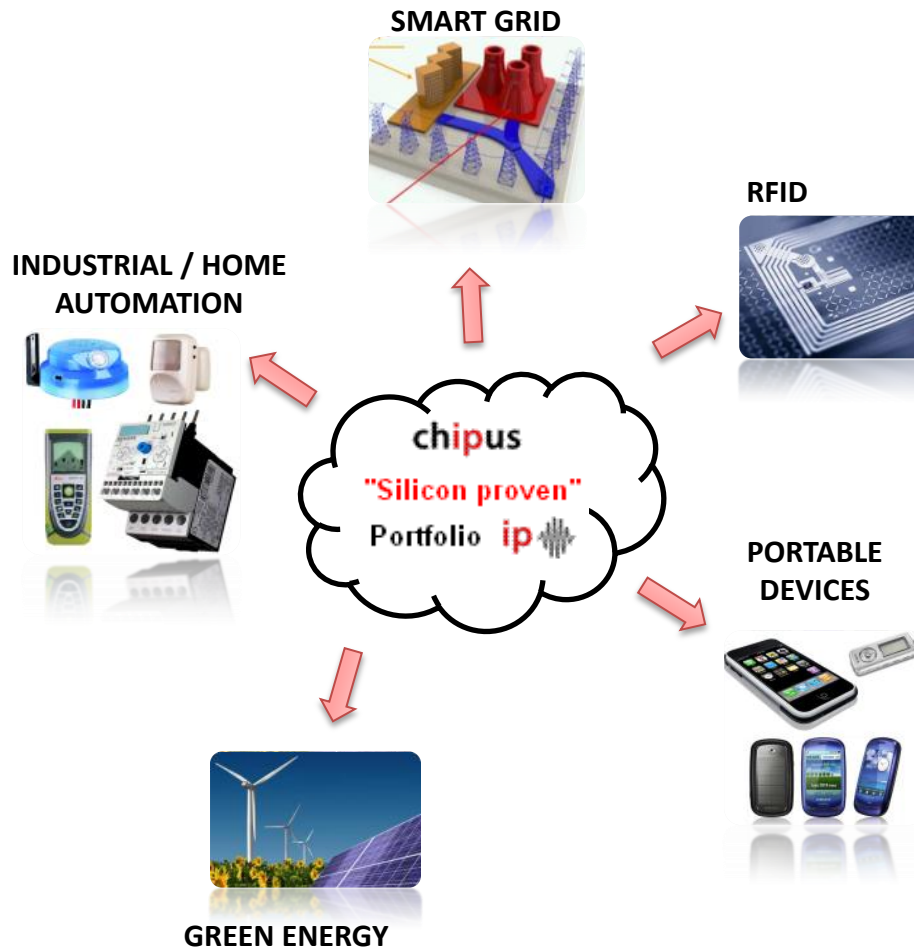
+30 Blocos (IPs)



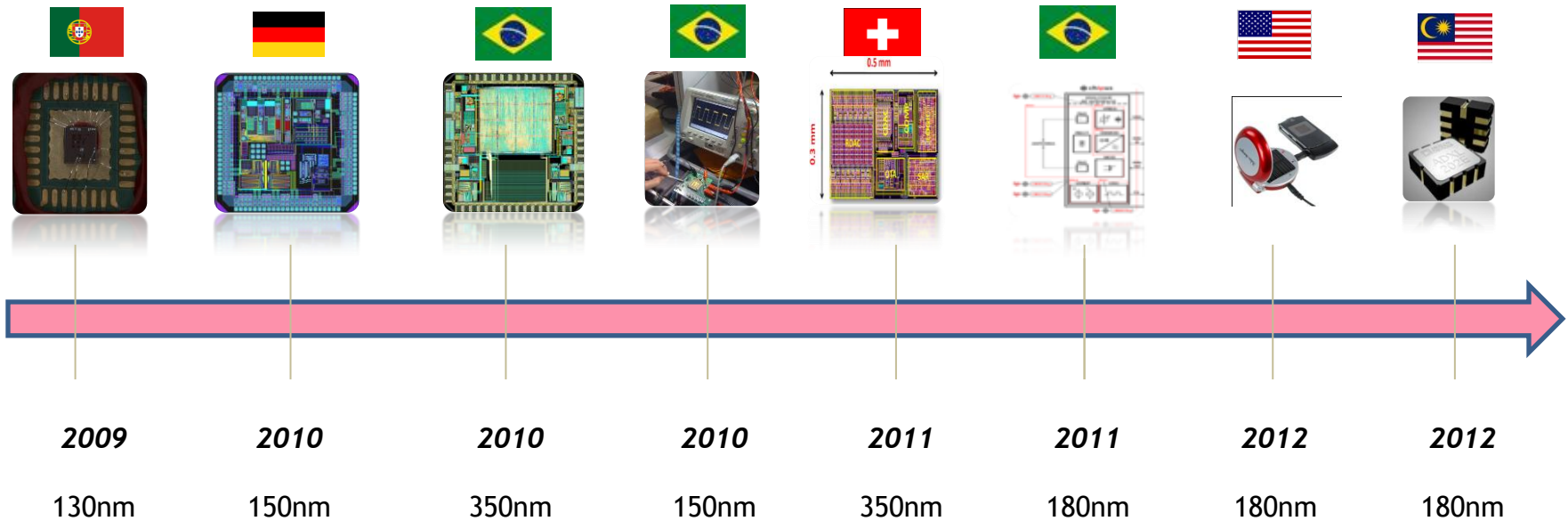
	IP	DESCRIPTION	FOUNDRY	PROCESS	STATUS
1	CM1011bg	Current Source 17.5nA / 90nA / 1V-3.6V / enable control	LFoundry	0.15 μm	Silicon Proven
2	CM1012bg	Current Source 17.5nA / 90nA / 1V-3.6V / auto start-up	LFoundry	0.15 μm	Silicon Proven
3	CM1013eh	Current Source 12.0nA / 50nA / 1V-3.6V / enable control	UMC	0.13 μm	Silicon Proven
4	CM1111bg	Ultra-low Power LDO / Vin>1.2V / Iout < 5mA / 2.5uA	LFoundry	0.15 μm	Silicon Proven
5	CM1112ae	High Voltage / Low Power / Linear Regulator / Vin<30V	XFAB	0.35 μm	Silicon Proven
6	CM1211bg	Voltage Reference/ 750mV / 500nA / 1V-3.6V / enable	LFoundry	0.15 μm	Silicon under Tests
7	CM1212bg	Voltage Reference/ 750mV / 500nA / 1V-3.6V / auto	LFoundry	0.15 μm	Silicon under Tests
8	CM1213eh	Voltage Reference/ 750mV / 500nA / 1V-3.6V / auto	UMC	0.13 μm	Silicon under Tests
9					Proven
10					Proven
11					Under Tests
12					Under Tests
13					Proven
14					Proven
15					Under Tests
16	CM2211bg	ADC / 12-bits / 20kSPS / 80dB / Delta-Sigma	LFoundry	0.15 μm	Silicon Proven
17	CM2311de	ADC/DAC Subsystem / 11-bits / 1-5MSPS / Hybrid-SAR	AMS	0.35 μm	GDS-Available
18	CM3011bg	DAC / 10-bits / 2MSPS	LFoundry	0.15 μm	Silicon under Tests
19	CM4011bg	Oscillator / 100kHz / Ultra-low Power / 2nA per KHz	LFoundry	0.15 μm	Silicon Proven
20	CM4012bg	Oscillator / 4MHz / Ultra-low Power / 1μA	LFoundry	0.15 μm	Silicon Proven
21	CM4013ae	Oscillator / 12MHz / Low Power	XFAB	0.35 μm	Silicon Proven
22	CM6011ae	Capacitive Touch Sensor	XFAB	0.35 μm	Silicon Proven
23	CM6111ae	Driver-Switch / 30V / -20mA / Over-current protection	XFAB	0.35 μm	Silicon under Tests

Maiores Informações:
<http://www.chipus-ip.com/ip.htm>

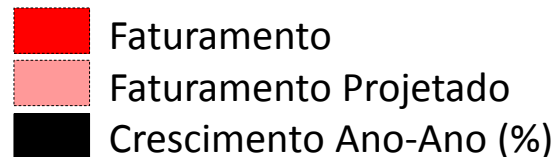
MERCADO / APLICAÇÕES



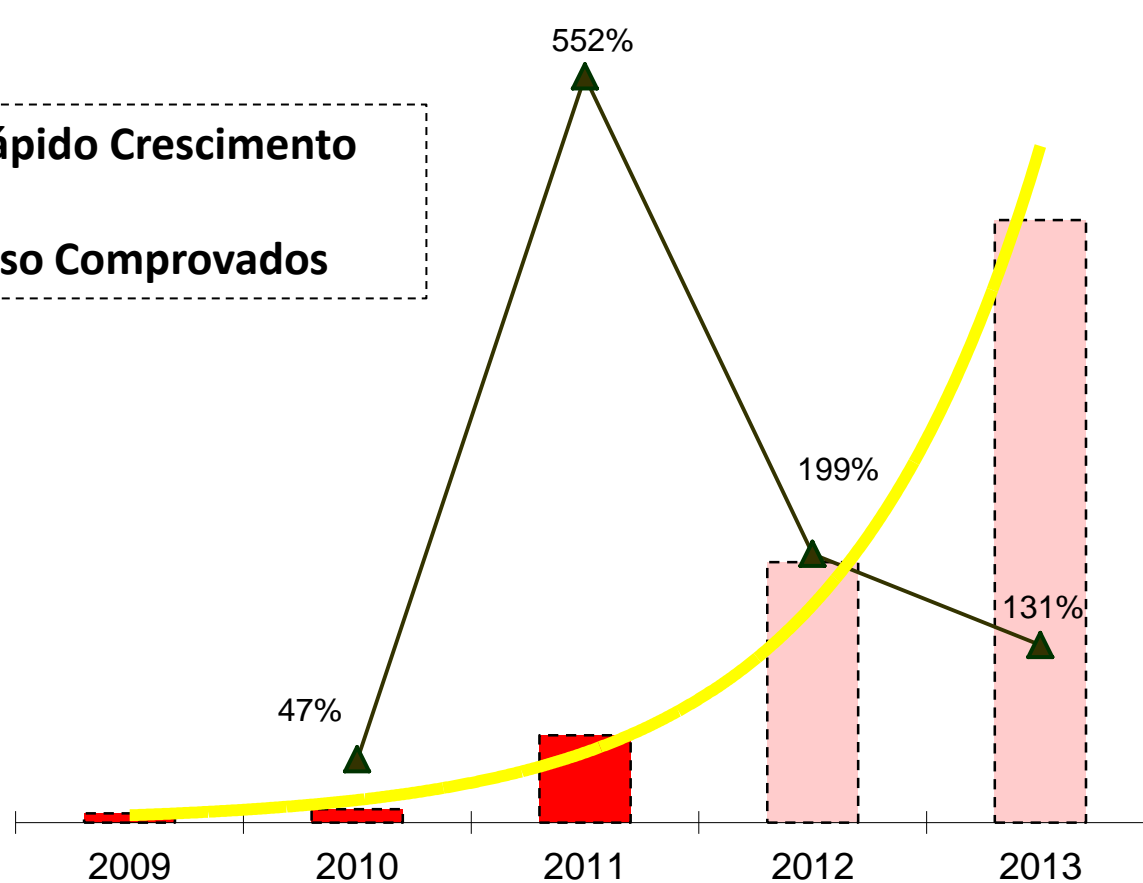
PROJETOS & CLIENTES



FATURAMENTO

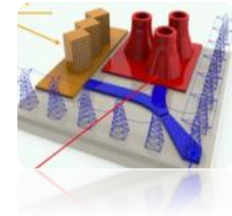


- ✓ Empresa em Rápido Crescimento
- ✓ Casos de Sucesso Comprovados



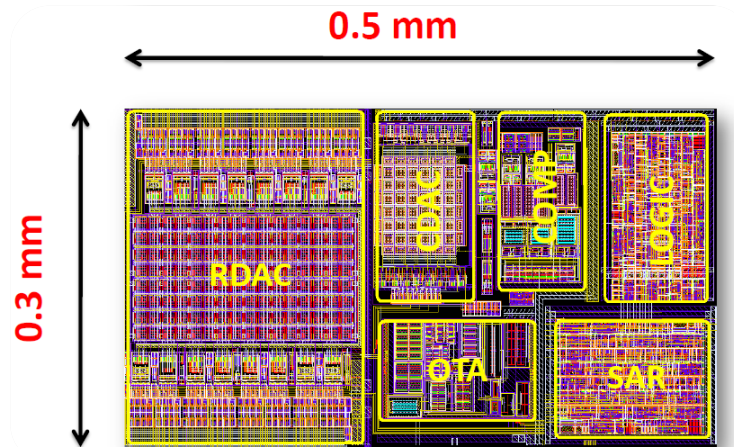
IP (Case #1)

Aplicação: **Smart-Grid**



CM2311de 1-5 MSPS /11-bit : Sub-Sistema Híbrido (ADC/DAC)

IP entregue com sucesso para - **Cliente Suíço - ABB** 



IP/IC (Case #2)

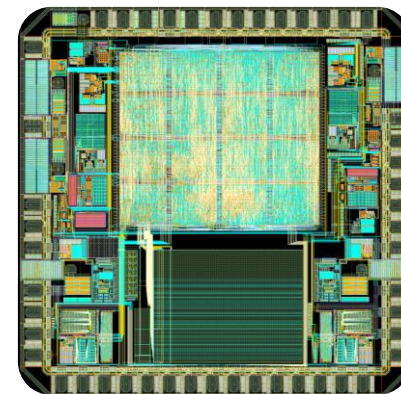
Aplicação: **Automação**
Produção > Q2/2013



The ZR 16 is an 8-bit RISC microcontroller, with 16 instructions Harvard architecture, which contains processor, memory and input/output functions. It has a 1024 x 16 bits program memory and a 256 x 8 bits data memory, and 16 registers which 12 are general purpose. It also, has a stack with 3 positions to store, flags, control and pc. Has one interruption level and emphasizes a high integration with analog blocks like voltage conversion and internal oscillator.



* Patent Required



✓ Silicon Proven



- ✓ IPs Analógicos
- ✓ Integração do Chip
- ✓ Digital



- Controle de Iluminação
- Linha Bran

Press Release > **EE Times**

Apresentado no



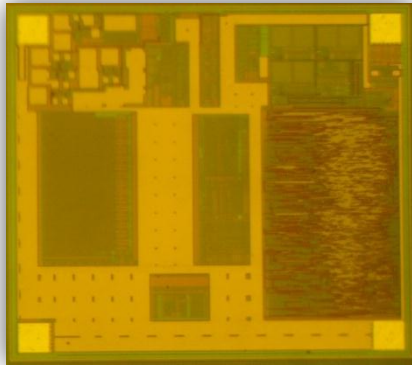
**Em teste nos produtos
da Exatron**

IP/IC (Case #3)

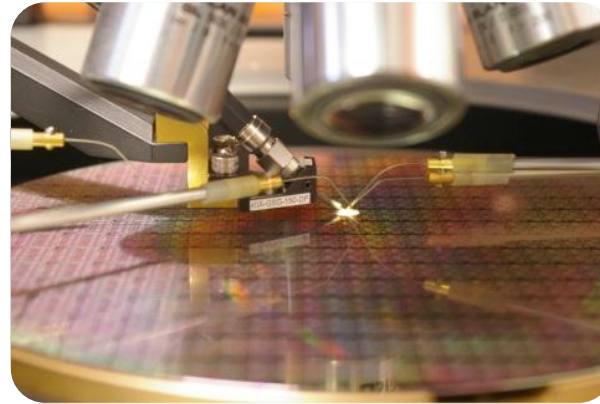
Aplicação: **RFID**

Produção > **Outubro/2012**

- **1st Silicon Pass**



CM9011ff



- **Especificação à Produção em 15 meses !**

- **“Front-End” Analógico/RF**
- **< 1.5uA**



Chipus
Achieves
First-Pass
Silicon Success
for UHF RFID
Design with
DesignWare®
NVM IP

► Read success
story



SYNOPSYS®

Anúncios #1

“Chipus e Conexant Systems Inc. assinam um acordo comercial no Programa F-Indy APEX-Brasil (Sonoma -CA)”



Press Release coming soon.....

Anúncios #2



Prêmio Nacional de Empreendedorismo Inovador 2012

“**CHIPUS Microeletrônica** é uma das **03 (três) finalistas** para concorrer ao Prêmio Nacional de Empreendedorismo Inovador 2012 na categoria **Melhor Empresa Incubada.**”



Chipus Microelectronics

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murilo.pessatti@chipus.com.br