

GLOBALFOUNDRIES

130 nm, 55 nm, 40 nm, 28 nm CMOS & 22 nm FDSOI

PROTOTYPING & SMALL VOLUMES

Fraunhofer IIS offers Multi-Project-Wafer (MPW) services and small volume production of GLOBALFOUNDRIES in deep submicron CMOS technologies through EUROPRACTICE IC Service.



GLOBALFOUNDRIES®

Features and Benefits

- Small minimum area pricing for academic customers (mini@sic)
- Regularly scheduled MPW and mini@sic runs
- Flexible access to silicon capacity for small volumes
- Libraries from Synopsys, ARM, Invecas, and Aragio

Technologies (fabricated in Singapore):

- GLOBALFOUNDRIES 130 nm LP (Core: 1.5 V, up to 8 Metal)
- GLOBALFOUNDRIES 130 nm BCDlite (Core: 1.5 V, up to 8 Metal, Isolated 5V to 30V N/PLDMOS)
- GLOBALFOUNDRIES 55 nm LPe, LPx-NVM, LPx-RF (Core: 1.2 V, up to 8 Metal)
- GLOBALFOUNDRIES 40 nm LP, LP-RF, RF mmWave (Core: 1.2 V, up to 8 Metal)

Technologies (fabricated in Dresden (Germany)):

- GLOBALFOUNDRIES 28 nm SLP, SLP RF (Core: 1.0 V, up to 11 Metal)
- GLOBALFOUNDRIES 22 nm FDSOI (Core: 0,4 –0.8 V, up to 10 Metal, Ultra Low Power & Leakage)