STANDARD CELLS

SGS-THOMSON
MICROELECTRONICS

BiCMOS MIXED ANALOG DIGITAL

Type	Description	Package
STKM2000 series	BiCMOS 2µ/2 Poly/2 Metal Process Analog library: – Devices (MOS transistors, bipolar transistors, capacitors, resistors) – Characterized cells (ADC, DAC, comparators, oscillators, operational amplifiers, bandgap, power-on-reset) – Programmable functions (switched capacitor, filters) Digital library: CMOS Logic gates	DIP8/14/16/18/20/24/28/40 SO8/14/16/20/24/28 wide SO8/14/16 narrow SSOP20/24/28/44 PLCC28/44/68 PQFP44/64/80/100/128/144/160/208 TQFP32/44/64
STKM4000 series	BiCMOS 0.7µ/2 Poly/3 Metal Process Analog library: – Devices (MOS transistors, bipolar transistors, capacitors, resistors) – Characterized cells (ADC, DAC, comparators, oscillators, operational amplifiers, bandgap, power-on-reset) – Programmable functions (switched capacitor, filters) Digital library: 3V CMOS logic gates 5V CMOS logic gates	