SCBM3404 is a highly integrated, high performance and cost effective System on Chip for 4G/LTE base stations. It is designed to provide unmatched cost to performance ratios at extremely low bill of materials for the system.

SCBM3404 chip is based on Signalchip’s ultra-powerful Encephelon Platform. This platform exploits a unique partition of data path and control functions in complex wireless systems and facilitates extreme performance with compact and power packed soft accelerators.

**Unparalleled Integration**
SCBM3404 integrates a flexible multi-standard modem based on Signalchip’s innovative physical layer, powerful quad core MIPS interAptiv processor, backhaul and air interface security subsystems. This is augmented by Signalchip’s Avarta network processor and a wide variety of system peripherals.

**Optimized Software Support**
The L2/L3 layers are powered by a quad-core MIPS interAptiv processor running flexible RTOS and SMP Linux. Security accelerators for Kasumi, SNOW-3G, ZUC, AES, F8/F9 and support for trusted boot are provided.