BOEING WSN MOTE

The Boeing Wireless Sensor Network (WSN) MOTE[1] is an IEEE-802.15.4 a battery operated low power wireless sensor device which functions as an autonomous subsystem within a larger wireless sensor network ecosystem of 100s to 1000s of sensor devices, Wireless Data Concentrators (WDCs) and other computing elements. This subsystem device contains a Freescale MC13226 integrated microprocessor/radio device (Boeing System Concept Center P/N: 700-00010-01) that is used as low power sensor radio design module. This integrated radio enables a flexible adaption to different sensor configurations, performance requirements and program and data memory configurations.

---

[1] *A node in a* [*wireless sensor network*](#) *that is capable of performing some processing, gathering sensory information and communicating with other connected nodes in the network.*