

A Survey on Sensor Networks

Acronym Dictionary

μ AMPS	A wireless sensor node
A/D	Analog to Digital
ADC	Analog to Digital Converter
ARC	Adaptive Transmission Rate Control
ARQ	Automatic Repeat Request
ASIC	Application Specific Integrated Circuit
BER	Bit Error Rate
CSMA	Carrier Sense Multiple Access
EAR	Eavesdrop And Register algorithm
FDMA	Frequency Division Multiple Access
FEC	Forward Error Correction
IR	Impulse Radio
ISM	Industrial Scientific and Medical Band (915 MHz)
LEACH	Low-Energy Adaptive Clustering Heirarchy
MAC	Medium Access Control
MANET	Mobile Ad Hoc Network
ME	Minimum Energy
MECN	Minimum Energy Communication Network
MH	Minimum Hop
MWE	Multi Winner Election
PA	Power Available
PACMAN	Power Aware Computing For Mobile and Adhoc Networks
PPM	Pulse Position Modulation
QoS	Quality of Service
SAR	Sequential Assignment Routing
SCADDS	Scalable Coordination Architecture for Deeply Distrubuted and Dynamic Systems
SMACS	Self-Organizing Medium Access Control for Sensor Networks
SMECN	Small Minimum Energy Communication Network
SMP	Sensor Management Protocol
SNR	Signal to Noise Ratio
SPIN	Sensor Protocols for Information via Negotiation
SQDDP	Sensor Query and Data Dissemination Protocol
SQTL	Sensor Query and Tasking Language
SWR	Single Winner Election
TADAP	Task Assignment and Data Advertisement Protocol
TCP	Transmission Control Protocol
TDMA	Time Division Multiple Access
UDP	User Datagram Protocol
UWB	Ultra wideband
WINS	Wireless Integrated Network Sensors