

## S3 Technologies

IEEE Dot Net | Java | Embedded | Image Processing | Android | Networking | VLSI | Application  
Projects

### IEEE 2016-2017 EMBEDDED PROJECTS

S.NO	Titles	YEAR
S3001	<u>Wearable Noncontact Armband for Mobile ECG Monitoring System</u>	2016
S3002	<u>AutoDietary: A Wearable Acoustic Sensor System for Food Intake Recognition in Daily Life</u>	2016
S3003	<u>An RFID based Smartphone Proximity Absence Alert System</u>	2016
S3004	<u>Smart phone-based peak expiratory flow meter.</u>	2016
S3005	<u>UR-SolarCap: An Open Source Intelligent Auto-Wakeup Solar Energy Harvesting System for Supercapacitor-Based Energy Buffering.</u>	2016
S3006	<u>Non-invasive measurement of stress levels in knee implants using a magnetic-based detection method</u>	2016
S3007	<u>Telemonitoring System for Patients with Chronic Kidney Disease Undergoing Peritoneal Dialysis (Portable Kidney Machines</u>	2016
S3008	<u>Benefits of using a voice and EMG-driven actuated glove to support occupational therapy for stroke survivors</u>	2016
S3009	<u>An NFC-Enabled CMOS IC for a Wireless Fully Implantable Glucose Sensor</u>	2016
S3010	<u>Temporal Pattern Recognition in Gait Activities Recorded with a Footprint Imaging Sensor System</u>	2016
S3011	<u>Analysis of Oscillatory Neural Activity in Series Network Models of Parkinson's Disease During Deep Brain Stimulation</u>	2016
S3012	<u>Model for Personalization of mHealth Systems for Monitoring Patients with Chronic Diseases</u>	2016
S3013	<u>OB CITY-Definition of a Family-Based Intervention for Childhood Obesity Supported by Information and Communication Technologies</u>	2016
S3014	<u>A Self-Calibrating Radar Sensor System for Measuring Vital Signs.</u>	2016
S3015	<u>Wearable Heart Rate Sensor Systems for Wireless Canine Health Monitoring</u>	2016
S3016	<u>Analysis and Control of Multi-Phase Inductively Coupled Resonant Converter for Wireless Electric Vehicle Charger Applications.</u>	2016
S3017	<u>A Dual-Channel, Interference-free, Bacteria-Based Biosensor for Highly-</u>	2016

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	<u>Sensitive Water Quality Monitoring</u>	
S3018	<u>Modeling Mobile Ticket Dispenser System with Impatient Clerk</u>	2016
S3019	<u>Transport models and intelligent transportation system to support urban evacuation planning process (School Children Transportation safety.</u>	2016
S3020	<u>Maintenance Scheduling of Volt-VAR Control Assets in Smart Distribution Networks Using Advanced Metering Infrastructure</u>	2016
S3021	<u>An Adaptive Impedance Matching System for Vehicular Power Line Communication.</u>	2016
S3022	<u>Soft Actuation: Smart Home and Office with Human-in-the-Loop..</u>	2016
S3023	<u>Autonomous Data Collection with Limited Time for Underwater Vehicles</u>	
S3024	<u>Control of a Wheelchair in an Indoor Environment Based on a Brain-Computer Interface and Automated Navigation</u>	2016
S3025	<u>Visual Servoing of Quadrotors for Perching by Hanging from Cylindrical Objects</u>	2016
S3026	<u>Robust Trajectory Tracking Error-Based Model Predictive Control for Unmanned Ground Vehicles</u>	2016
S3027	<u>Learning Physical Collaborative Robot Behaviors from Human Demonstrations.</u>	2016
S3028	<u>Power comparison of MPPT techniques for solar system</u>	2016
S3029	<u>A Flexible Piezoelectric-Pyroelectric Hybrid Nanogenerator Based on P(VDF-TrFE) Nanowire Array</u>	2016
S3030	<u>An Active Safety System for Low-Speed Bus Braking Assistance</u>	2016
S3031	<u>Portable roadside sensors for vehicle counting classificaton and speed measurement</u>	2016

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S3032	<u>Secure and privacy-preserving smartphone-based traffic information systems</u>	2016
S3033	<u>Sensing devices and sensor signal processing for remote monitoring of vital signs in CHF patients</u>	2016
S3034	<u>Sensor fusion-based vacant parking slot detection and tracking</u>	2016
S3035	<u>Smart host microcontroller for optimal battery charging in a solar powered robotic vehicle</u>	2016