

Practices of Automotive Electronics based on 'mbed' LPC1768 (2016)

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Tipo: Ponencia
Congreso: XII Congreso de tecnologías aprendizaje y enseñanza de la electrónica, TAE 2016
Publicación: IEEE XPLORE

DOI:10.1109/TAE.2016.7528246

Lugar: Sevilla, España
Año: 2016 (22 - 24 de Junio)
Abstract: A designed set of practices for a general course of Automotive Electronics is presented. The practices have been designed using the 'mbed' environment with the LPC1768 microcontroller. These practices aim to address the interaction of a system based on microcontroller and a real time operating system, with sensors and actuators, including buses commonly used in vehicles and OBD-II diagnostic systems.