

AN OVERVIEW ON IEEE 1451.7 SMART SENSOR STANDARD

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ABSTRACT

This paper is focused on the standard which has been designed to facilitate communication between radio frequency identification (RFID) system & smart RFID tags with integral transducer in data format. As this standard is one of the part of IEEE 1451 standard so it has developed new set of Transducer Electronic Data Sheet (TEDS), & a command set for smart RFID tags.

KEYWORDS: Network Capable Application Processor (NCAP), Radio Frequency Identification Tag (RFID), Transducer Electronic Data Sheet (TEDS), Transducer Interface Module (TIM)