1. Record Nr. UNINA9910135521203321 IEEE Std 1734-2011: IEEE standard for quality of electronic and **Titolo** software intellectual property used in system and system on chip (SoC) designs / / Institute of Electrical and Electronics Engineers New York, New York:,: IEEE,, 2011 Pubbl/distr/stampa **ISBN** 0-7381-6675-8 Descrizione fisica 1 online resource (viii, 31 pages) Disciplina 621.3815 Systems on a chip Soggetti Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto A standard XML format for representing electronic design intellectual property (IP) quality information, based on an information model for IP quality measurement, is defined. It includes a schema and the terms that are relevant for measuring IP quality, including the software that executes on the system. The schema and information model can be focused to represent particular categories of interest to IP users. In the context of this document, the term IP shall be used to mean electronic design intellectual property. Electronic design intellectual property is a term used in the electronic design community to refer to a reusable collection of design specifications that represent the behavior, properties, and/or representation of the design in various media. Keywords: AMS, analog and mixed signal, design environment, EDA, electronic design automation, electronic system level, ESL, IEEE 1734, implementation constraints, MEMS, microelectromechanical systems, QIP, Quality IP metrics, register transfer logic, RTL, SCRs, semantic consistency rules, use models, verification IP, VIP, XML design meta

data, XML schema.