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Power profile evaluation of battery-powered mobile applications

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Book Group Author(s): IEEE

Source: 2007 14TH IEEE INTERNATIONAL CONFERENCE ON ELECTRONICS, CIRCUITS AND SYSTEMS, VOLS 1-4 **Book Series:** IEEE International Conference on Electronics, Circuits and Systems **Pages:** 1015-1018 **Published:** 2007

Times Cited: 0 **References:** 10 [Citation Map](#)

Conference Information: 14th IEEE International Conference on Electronics, Circuits and Systems Marrakech, MOROCCO, DEC 11-14, 2007 IEEE

Abstract: Advances in semiconductor technologies and wireless communication are contributing to the rapid growth of the mobile devices market. They have a large number of applications but all of them depend on their battery lifetime. Therefore we present in this paper how power benchmarks can be used to characterize power consumption of battery-powered devices running different applications.

Document Type: Proceedings Paper

Language: English

Reprint Address: Marcu, M (reprint author), Politech Univ Timisoara, Dept Comp Sci & Engn, Timisoara, Romania

Addresses:
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Publisher: IEEE, 345 E 47TH ST, NEW YORK, NY 10017 USA

IDS Number: BHP05

ISBN: 978-1-4244-1377-5

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