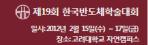
Semiconductor for Smart Living Technologies

The 19th Korean Conference on Semiconductors



K. Memory (Design & Process Technology) 분과

Room B

창의관 (110)

일 시: 2월 17일(금) 15:30-16:45

세션명: [FB4-K] FLASH Memories and New Memory Technologies

좌 장: 곽동화(삼성전자), 김영희(창원대학교)

FB4-K-1 15:30-15:45

Layer Selection by Multi Level Operation (LSM) of String Select Line in 3D Stacked NAND Flash Memory

저자: Wandong Kim, Seung-Hyun Kim, Yoon Kim, Se-Hwan Park, Joo Yun Seo, Do-Bin Kim, and Byung-Gook Park

소속: Inter-University Semiconductor Research Center and School of Electrical Engineering and Computer Science, Seoul National University

FB4-K-2 15:45-16:00

Erase Speed Enhancement by using SiGe Drain in 3D Stacked NAND Flash Memory

저자: Wandong Kim, Yoon Kim, Se-Hwan Park, Joo Yun Seo, Do-Bin Kim, Seung-Hyun Kim, and Byung-Gook Park

소속: Inter-University Semiconductor Research Center and School of Electrical Engineering and Computer Science, Seoul National University

FB4-K-3 16:00-16:15

Dramatic Increase of Dielectric Constant of Al_2O_3 by Very Light Doping of La and Thermal Treatment and Its Application to Flash Memory Device

저자: Jong Kyung Park¹, Seok-Hee Lee¹, Ki-Hong Lee², Seung Ho Pyi², and Byung Jin Cho¹

소속: ¹Department of Electrical Engineering, KAIST, ²Hynix Semiconductor Inc.

FB4-K-4 16:15-16:30

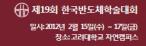
Tri-states Memory using Ferroelectric-insulator-semiconductor Hetero-junctions for Fifty Percent Increased Data Storage

저자: Min Hyuk Park, Hyun Ju Lee, Gun Hwan Kim, Yu Jin Kim, Jeong Hwan Kim, Jong Ho Lee, and Cheol Seong Hwang

소속: WCU Hybrid Materials Program, Department of Materials Science and Engineering, Seoul National University

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FB4-K-5 16:30-16:45 Analysis of Fringe Field Effects in Nano-Electromechanical (NEM) Nonvolatile Memory Cells

저자: Boram Han and Woo Young Choi

소속: Department of Electronic Engineering, Sogang University