Accepted Manuscript

Zaima

Epitaxial growth of heavily doped n+-Ge layers using metalorganic chemical vapor deposition with in situ phosphorus doping

Shinichi Ike, Wakana Takeuchi, Osamu Nakatsuka, Shigeaki

PII: S0040-6090(17)30764-2

DOI: doi:10.1016/j.tsf.2017.10.013

Reference: TSF 36281

To appear in: Thin Solid Films

Received date: 18 February 2017
Revised date: 24 September 2017
Accepted date: 6 October 2017

Please cite this article as: Shinichi Ike, Wakana Takeuchi, Osamu Nakatsuka, Shigeaki Zaima, Epitaxial growth of heavily doped n+-Ge layers using metal-organic chemical vapor deposition with in situ phosphorus doping. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Tsf(2017), doi:10.1016/j.tsf.2017.10.013

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Epitaxial growth of heavily doped n^+ -Ge layers using metal-organic chemical vapor deposition with *in situ* phosphorus doping

Shinichi Ike^{1, 2}, Wakana Takeuchi^{1, *}, Osamu Nakatsuka¹, and Shigeaki Zaima^{1, 3}

Phone: +81-52-789-3819, Fax: +81-52-789-2760

*E-mail: wtakeuti@alice.xtal.nagoya-u.ac.jp

Keywords: Germanium, Phosphorus, Doping, Metal-organic chemical vapor deposition, Epitaxial growth

¹Department of Crystalline Materials Science, Graduate School of Engineering, Nagoya University, Nagoya 464-8603, Japan

²Research Fellow of the Japan Society for the Promotion of Science, Tokyo 102-0083, Japan

³Institute of Materials and Systems for Sustainability, Nagoya University, Nagoya 464-8603, Japan

Download English Version:

https://daneshyari.com/en/article/8033223

Download Persian Version:

https://daneshyari.com/article/8033223

<u>Daneshyari.com</u>