Accepted Manuscript

InGaN stress compensation layers in InGaN/GaN blue LEDs with step graded electron injectors

V. Sheremet, N. Gheshlaghi, M. Sözen, M. Elci, N. Sheremet, A. Aydınlı, I. Altuntaş, K. Ding, V. Avrutin, Ü. Özgür, H. Morkoç

PII: S0749-6036(18)30222-2

DOI: 10.1016/j.spmi.2018.02.002

Reference: YSPMI 5494

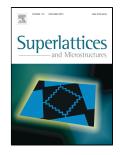
To appear in: Superlattices and Microstructures

Received Date: 31 January 2018

Accepted Date: 02 February 2018

Please cite this article as: V. Sheremet, N. Gheshlaghi, M. Sözen, M. Elci, N. Sheremet, A. Aydınlı, I. Altuntaş, K. Ding, V. Avrutin, Ü. Özgür, H. Morkoç, InGaN stress compensation layers in InGaN /GaN blue LEDs with step graded electron injectors, *Superlattices and Microstructures* (2018), doi: 10.1016/j.spmi.2018.02.002

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.



InGaN stress compensation layers in InGaN/GaN blue LEDs with step graded electron injectors

V. Sheremet^{a*}, N. Gheshlaghi^a, M. Sözen^a, M. Elci^{a,b}, N. Sheremet^{a,c} and A. Aydınlı^{a,d} I. Altuntaş^e, K. Ding^f, V. Avrutin^f, Ü. Özgür^f and H. Morkoç^f

^aAdvanced Research Laboratories, Department of Physics, Bilkent University, Ankara, 06800 Turkey;

^bInstitute of Applied Mathematics, Middle East Technical University, Ankara, 06800 Turkey; ^cInstitute of Physics, NAS of Ukraine, Kyiv, 03680 Ukraine;

^dDepartment of Electrical and Electronics Engineering, Uludag University, Bursa, 16059 Turkey; ^eDepartment of Nanotechnology Engineering, Cumhuriyet University, Sivas, 58140 Turkey; ^fDepartment of Electrical and Computer Engineering, School of Engineering, Virginia Commonwealth University, Richmond, Virginia, 23284-3068 USA.

*Corresponding author:

E-mail address: sheremet@bilkent.edu.tr (V. Sheremet)

Download English Version:

https://daneshyari.com/en/article/7939008

Download Persian Version:

https://daneshyari.com/article/7939008

Daneshyari.com