

Supplemental information for Nanoscale Phononic Interconnects in THz frequencies

Aris P. Sgouros^{1,3}, Mahesh R. Neupane², M. M. Sigalas¹, N. Aravantinos-Zafiris¹ and Roger K. Lake²

¹*Department of Materials Science, University of Patras, 26504 Patras, Greece*

²*Laboratory for Terascale and Terahertz Electronics (LATTE), Department of Electrical And Computer Engineering, University of California, Riverside, CA*

³*School of Chemical Engineering, National Technical University of Athens (NTUA), 15780 Athens, Greece*

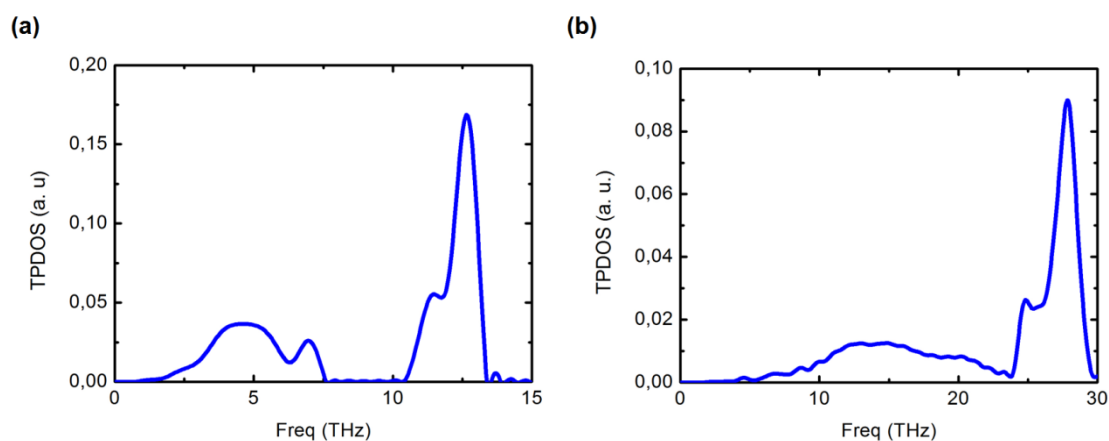


Figure. S1. The TPDOS for (a) bulk GeSi and (b) bulk SiC calculated from the VACF method.