Materials List for

Theoretical Calculation and Experimental Verification for Dislocation Reduction in Germanium Epitaxial Layers with Semicylindrical Voids on Silicon

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jove.com/video/58897

Materials

Name	Company	Catalog Number	Comments
AFM	SII NanoTechnology	SPI-3800N	
BHF	DAIKIN	BHF-63U	
CAD design	AUTODESK	AutoCAD 2013	Software
CH_3COOH	Kanto-Kagaku	Acetic Acid	for Electronics
CVD	Canon ANELVA	I-2100 SRE	
Developer	ZEON	ZED	
Developer rinse	ZEON	ZMD	
EB writer	ADVANTEST	F5112+VD01	
Furnace	Koyo Thermo System	KTF-050N-PA	
HF, 0.5 %	Kanto-Kagaku	0.5 % HF	
HF, 50 %	Kanto-Kagaku	50 % HF	
HNO_3, 61 %	Kanto-Kagaku	HNO3 1.38	for Electronics
I_2	Kanto-Kagaku	Iodine 100g	
Photoresist	ZEON	ZEP520A	
Photoresist remover	Tokyo Ohka	Hakuri-104	
Surfactant	Tokyo Ohka	OAP	
TEM	JEOL	JEM-2010HC	