

Materials List for:

In Situ Transmission Electron Microscopy with Biasing and Fabrication of Asymmetric Crossbars Based on Mixed-Phased $a\text{-VO}_x$

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URL: <https://www.jove.com/video/61026>

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Materials

Name	Company	Catalog Number	Comments
Resist processing system	EV group	EVG 101	
Acetone	Chem-Supply	AA008	
Biasing Chip - E-chip	Protochips	E-FEF01-A4	
Developer	MMRC	AZ 400K	
Electron beam evaporator - PVD 75	Kurt J Leskar	PRO Line - eKLipse	
Focused Ion beam system	Thermo Fisher - FEI	Scios DualBeam™ system	
Hot plates	Brewer Science Inc.	1300X	
Magnetron Sputterer	Kurt J Leskar	PRO Line	
Mask aligner	Karl Suss	MA6	
Maskless Aligner	Heildberg instruments	MLA150	
Methanol	Fisher scientific	M/4056	
Phototresist	MMRC	AZ 5412E	
Pt source for e-beam evaporator	Unicore		
The Fusion E-chip holder	Protochips	Fusion 350	
Ti source for e-beam evaporator	Unicore		
Transmission Electron Microscope	JEOL	JEM 2100F	