

Materials List for:

A Polymer-based Piezoelectric Vibration Energy Harvester with a 3D Meshed-Core Structure

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Materials

Name	Company	Catalog Number	Comments
SU-8 3005	Nihon Kayaku		Negative photoresist
KF Piezo Film	Kureha		Piezoelectric PVDF film, 40 mm
Vibration Shaker	IMV CORPORATION	m030/MA1	Vibration Shaker
Spray coater	Nanometric Technology Inc.	DC110-EX	
Sputtering equipment	Canon Anelva Corporation	E-200S	
PDMS	Dow Corning Toray Co. Ltd	SILPOT 184 W/C	Dimethylpolysiloxane
Spin coater	MIKASA Co. Ltd	1H-DX2	
Digital oscilloscope	Teledyne LeCroy Japan Corporation	WaveRunner 44Xi-A	
SEM	JEOL Ltd.	JCM-5700LV	
Digital microscope	Keyence Corporation	VHX-1000	