

Materials List for:

Microparticle Manipulation by Standing Surface Acoustic Waves with Dual-frequency Excitations

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Materials

Name	Company	Catalog Number	Comments
poly-dimethylsiloxane	Dow Corning	Sylgard 184	
poly-dimethylsiloxane elastomer base	Dow Corning	Sylgard 184	
silicon wafer	Bonda Technology	SI8PSPD	
negative tone photoresist	Microchem	SU-8	
double-side polished LiNbO ₃ wafer	University Wafer	Y-128°	
positive photoresist	Nicolaus-Otto-Straße	AZ 9260	
oxygen plasma	Harrick Plasma		
plastic mask	Infinite Graphics		