

Materials List for:

# All-electronic Nanosecond-resolved Scanning Tunneling Microscopy: Facilitating the Investigation of Single Dopant Charge Dynamics

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## Materials

Name	Company	Catalog Number	Comments
Low Temperature Scanning Tunneling Microscope	Scientaomicron		Custom-made with 500MHz bandwidth wiring
Arbitrary Function Generator	Tektronix	AFG3252C	
RF Power Splitter/ Combiner	Mini-Circuits	ZFRSC-42-S +	
RF Switch	Mini-Circuits	X80-DR230-S +	
Non-Contact Infrared Pyrometers	Micron Infrared	MI 140	