

## MEMS SIM costs

No	Supplier	Item	Description	number	item price	overall price
1	Odicforce	OFL17-F2	150mW 532nm laser module	1	£ 40.83	£ 40.83
2	Lasever Inc	LSR473NL-50-PS-II	50mW 473nm diode pumped solid state laser	1	£ 490.83	£ 490.83
3	Mirrorcle	A7M20.2-2000AL	2mm MEMS mirror	2	£ 429.17	£ 858.33
4	Edmund Optics	#13-821	100x 1.25NA Zeiss A-Plan Oil Immersion Objective	1	£ 593.00	£ 593.00
5	IDS	UI-3060-CP-M-GL Rev.2	IDS CMOS camera 1936x1216px	1	£ 480.00	£ 480.00
6	Chroma	DC/ZT375/473/532/635rpc-UF1	Dichroic filter (multiband)	1	£ 654.00	£ 654.00
7	Chroma	69401m	Emission filter (multiband)	1	£ 347.00	£ 347.00
8	Thorlabs	MR4K25-P01	Knife edge prism	1	£ 102.32	£ 102.32
9	Thorlabs	BSW04	50/50 1/2" broadband beam splitter	1	£ 64.26	£ 64.26
10	Thorlabs	NDL-10C-2	Continuous variable ND filter	1	£ 65.51	£ 65.51
11	Thorlabs	BCP4310	Beamsplitter compensation plate, 5mm thick	1	£ 80.69	£ 80.69
12	Thorlabs	AC127-030-A	f=30mm 1/2" lenses	2	£ 42.43	£ 84.86
13	Thorlabs	AC254-125-A	f=125mm 1" lens	1	£ 62.39	£ 62.39
14	Thorlabs	AC254-075-A	f=75mm 1" lens	1	£ 62.39	£ 62.39
15	Edmund Optics	#47-644	f=175mm 1" tube lens	1	£ 90.10	£ 90.10
16	Thorlabs	ME1-P01	1" Ag mirror	2	£ 24.00	£ 48.00
17	Thorlabs	ME05-P01	1/2" Ag mirror	3	£ 13.13	£ 39.39
18	Thorlabs	DMLP505T	1/2" dichroic laser beam combiner	1	£ 94.01	£ 94.01
19	Thorlabs	LPVISE2X2	Economy polariser	1	£ 6.82	£ 6.82
20	Thorlabs	KPZNF5/M	Piezo z-stage	1	£ 1,182.93	£ 1,182.93
21	Thorlabs	MT1A/M	Manual xy-stage	2	£ 326.11	£ 652.22
22	Thorlabs	MT401/M	xy base plate	1	£ 18.83	£ 18.83
23	Thorlabs	NFL5P2/M	z-stage angle bracket	1	£ 80.69	£ 80.69
24	Thorlabs	DT12XYZ/M	MEMS 3-axis position stage	2	£ 252.06	£ 504.12
25	Thorlabs	DT12XY/M	Knife edge prism 2-axis positioning stage	1	£ 153.89	£ 153.89
26	Thorlabs	KM100B/M	Tip-Tilt platform for knife edge prism	1	£ 46.39	£ 46.39
27	Thorlabs	MSRP01/M	Rotation mount for knife edge prism	1	£ 59.69	£ 59.69
28	Thorlabs	RSP1/M	Rotation mount for linear polariser	1	£ 70.30	£ 70.30
29	Thorlabs	KCB1C/M	Right angle cage mirror mounts	2	£ 110.47	£ 220.94
30	Thorlabs	CP360R/M	360deg pivot cage mirror mount	1	£ 78.00	£ 78.00
31	Thorlabs	CP35/M	1" optics cage plate	5	£ 15.08	£ 75.40
32	Thorlabs	CP33/M	1" threaded optics cage plate	1	£ 13.64	£ 13.64
33	Thorlabs	CP36	1.2" optics cage plate	1	£ 16.97	£ 16.97
34	Thorlabs	CP33B	Cage mounting bracket	4	£ 11.48	£ 45.92
35	Thorlabs	CMT10	SM1 thread to C-mount adapter	1	£ 16.97	£ 16.97
36	Thorlabs	ER4-P4	4" long cage rods	4	£ 20.84	£ 83.36
37	Thorlabs	ER3-P4	3" long cage rods	1	£ 19.37	£ 19.37
38	Thorlabs	ER2-P4	2" long cage rods	1	£ 17.91	£ 17.91
39	Thorlabs	ER1-P4	1" long cage rods	1	£ 14.83	£ 14.83
40	Thorlabs	KM05/M	1/2" 2-axis mirror holder	6	£ 30.13	£ 180.78
41	Newport	U50-S	1/2" 2-axis mirror holder clear edge	1	£ 63.00	£ 63.00
42	Thorlabs	RS2.5P/M	2.5" long 1" pedestal post	2	£ 23.50	£ 47.00
43	Thorlabs	RS1P/M	1" long 1" pedestal post	1	£ 18.72	£ 18.72
44	Thorlabs	UPH40/M-P5	Universal 1/2" post holder 5pack	3	£ 122.70	£ 368.10
45	Thorlabs	RA90/M	90deg 1/2" post clamps	3	£ 7.73	£ 23.19
46	Thorlabs	TR50/M-P5	50mm long 1/2" post 5pack	4	£ 18.95	£ 75.80
47	Thorlabs	TR20/M-P5	20mm long 1/2" post 5pack	1	£ 17.30	£ 17.30
48	Thorlabs	MB2530/M	Breadboard	1	£ 109.81	£ 109.81
49	Misc	3D-prints	3D-printed adapters for MEMS, stage, pinholes, etc	1	£ 16.14	£ 16.14
50	RS	Arduino Micro	Arduino Micro microcontroller	1	£ 17.88	£ 17.88
51	Digikey	EVAL-AD5676RSDZ	8-channel DAC evaluation board	1	£ 91.77	£ 91.77
52	RS	HV56264	225V amplifier HV56264	2	£ 60.63	£ 121.26
53	RS	AC/DC adapter	24V AC/DC adapter	1	£ 9.50	£ 9.50
54	RS	AD8694ARZ	AD8694ARZ 5th order low pass filter	2	£ 2.57	£ 5.14
55	RS	Misc	Voltage regulators, resistors, capacitors	3	£ 5.00	£ 15.00
						£ 8,817.49