Table 5-7. Small Spacecraft Sun Sensors										
Manufacturer	**Model**	**Sensor Type**	**Mass (kg)**	**Peak Power (W)**	**Analog or Digital**	**FOV**	**Accuracy (3s)**	**# Measurement Angles**	**Radiation Tolerance (krad)**	**TRL**
Adcole Space	Analog Sun Detector	Cosine	0.068	Unk	Analog	Unk	0.75°	1	Unk	9
Adcole Space	MAI Sun Sensor (SmallSat)	Unk	0.0055	0.005	Analog	Unk	Unk	Unk	Unk	Unk
Adcole Space	MAI Sun Sensor (CubeSat)	Unk	0.0035	0.005	Analog	Unk	Unk	Unk	Unk	Unk
Adcole Space	Coarse Sun Sensor	Unk	0.13	0	Analog	Varies	5°	2	Unk	9
Adcole Space	Digital Sun Senser	Unk	1.279	1	Digital	±32° per axis	0.1°	2	Unk	9
Bradford Engineering	CoSS	Cosine	0.024	0	Analog	160° full cone	3°	1	Unk	Unk
Bradford Engineering	CoSS-R	Cosine	0.015	0	Analog	180° full cone	3°	1	Unk	Unk
Bradford Engineering	CSS-01, CSS-02	Cosine	0.215	0	Analog	180° full cone	1.5°	2	Unk	Unk
Bradford Engineering	FSS	Quadrant	0.375	0.25	Analog	128° x 128°	0.3°	2	10	Unk
Bradford Engineering	Mini-FSS	Quadrant	0.050	0	Analog	128° x 128°	0.2°	2	Unk	Unk
CubeSpace	Cube Sense	Camera	0.030	0.2	Digital	180° full cone	0.2°	2	24	9

GomSpace	NanoSense FSS	Quadrant	0.002	Unk	Digital	{45°, 60°}	{±0.5°, ±2°}	2	Unk	Unk
Lens R&D	BiSon 64-ET	Quadrant	0.024	Unk	Analog	±58° per axis	0.5°	2	Unk	Unk
Lens R&D	BiSon 64-ET-B	Quadrant	0.033	Unk	Analog	±58° per axis	0.5°	2	Unk	Unk
Lens R&D	MAUS	Quadrant	Unk	Unk	Analog	±46° per axis	Unk	2	Unk	Unk
NewSpace Systems	NFSS-411	Unk	0.035	0.13	Digital	140°	0.1°	TBD	10	9
NewSpace Systems	NCSS-SA05	Unk	0.005	Unk	Analog	114°	0.5°	TBD	Unk	Unk
Solar MEMS Technologies	ISS-AX	Quadrant	0.100	Unk	Analog	{120°, 50°, 20°, 10°}	{12°, 5°, 2°, 1°}	2	Unk	Unk
Solar MEMS Technologies	ISS-DX	Quadrant	0.100	Unk	Digital	{120°, 50°, 20°, 10°}	0.4° to 0.1°	2	Unk	Unk
Solar MEMS Technologies	ISS-TX	Quadrant	0.100	Unk	Digital	{120°, 50°, 20°, 10°}	{12°, 5°, 2°, 1°}	2	Unk	Unk
Solar MEMS Technologies	nanoSSOC-A60	Quadrant	0.004	Unk	Analog	±60° per axis	0.5°	2	100	Unk
Solar MEMS Technologies	nanoSSOC-D60	Quadrant	0.007	Unk	Digital	±60° per axis	0.5°	2	30	Unk
Solar MEMS Technologies	SSOC-A60	Quadrant	0.025	Unk	Analog	±60° per axis	0.3°	2	100	Unk
Solar MEMS Technologies	SSOC-D60	Quadrant	0.035	Unk	Digital	±60° per axis	0.3°	2	30	Unk
Space Micro	CSS-01, CSS-02	Cosine	0.010	0	Analog	120° full cone	5°	1	100	9

Space Micro	MSS-01	Quadrant	0.036	0	Analog	48° full cone	1°	2	100	9