

SHARP / Socle Distance Sensor Selection



Manufacturer	Category	Part Number	Output Type	Package Type	Distance (cm)																																			
					0.5	1	1.5	2	4	5	10	13	15	20	24	30	40	50	70	80	100	120	150	200	300	550														
SHARP	DMS	GP2Y0A02SKDF	Analog	Standard												20									150															
SHARP	DMS	GP2Y0A02YK0F	Analog	Standard												20										150														
SHARP	DMS	GP2Y0A21YK0F	Analog	Standard							10													80																
SHARP	DMS	GP2Y0A41SK0F	Analog	Standard					4										30																					
SHARP	DMS	GP2Y0A51SK0F	Analog	Standard					2					15																										
SHARP	DMS	GP2Y0AF15X	Analog	Compact, connector				1.5						15																										
SHARP	DMS	GP2Y0D02YK0F	Digital 1-bit	Standard																				80																
SHARP	DMS	GP2Y0D21YK0F	Digital 1-bit	Standard													24																							
SHARP	DMS	GP2Y0D413K0F	Digital 1-bit	Standard									13																											
SHARP	DMS	GP2Y0E02A	Analog	Compact, CMOS					4																50															
SHARP	DMS	GP2Y0E02B	Digital I2C	Compact, CMOS					4																50															
SHARP	DMS	GP2Y0E03	Analog, Digital I2C	Compact, CMOS					4																50															
SHARP	DMS	GP2Y0A60SZLF	Analog	Compact								10															150													
SHARP	DMS	GP2Y0A710K0F	Analog	Standard																							100						550							
SHARP	TOF	GP2AP01VT10F	I2C	Very Compact								10				Gray card - 17%		40																						
											10				White card - 88% reflectance										120															
SOCLE / FXN	TOF	MTOF171000CO	UART	Compact				2									Gray card			70																				
								2												White card										120										
SHARP	TOF	GP2AP02VT00F	I2C	Very Compact							5																													
SHARP	TOF	GP2AP03VT00F	I2C	Very Compact	0.5								10																											
SOCLE / FXN	Ultrasonic	SUD01A	I2C	Module, Connector									10																						300					
SOCLE / FXN	Ultrasonic	SUD02	I2C	Module, Connector									10																						300					

Socle Technology Corp. (Foxconn) is the official supplier of Sharp optoelectronics and sensors in North America, China and Taiwan. Authorized distributors of Sharp optoelectronics components include Digi-Key, Future, Mouser and WPG Americas.

