

Sharp-Socle Distance Sensor Selection



Manufacturer	Category	Part Number	Output Type	Package Type	Distance (cm)																						
					0.5	1	1.5	2	4	5	10	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	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	MTOF171000C0	UART	Compact				2	Gray card								70										
								2	White card												120						
SHARP	TOF	GP2AP02VT00F	I2C	Very Compact						5	Gray card - 17% reflectance											120					
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.