

Part 1: 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	240	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	GP2Y0A710K0F	Analog	Standard															100						550	
FOXCONN	TOF Module	FSTOF2002C0D	UART / I2C	Compact							10	White card										240				
FOXCONN	TOF Module	FSTOF2002C0U	UART	Compact							10	White card										240				
FOXCONN	TOF Module	FSTOF2003C0I	I2C	Compact		1	White card								30											

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.

Part 2: Line-up of Distance Measuring Sensor (DMS)

SHARP
Be Original.

