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	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	GP2Y0D805Z0F	Digital 1-bit	Compact lead type						5														
SHARP	DMS	GP2Y0D810Z0F	Digital 1-bit	Compact lead type							10													
SHARP	DMS	GP2Y0D815Z0F	Digital 1-bit	Compact lead type								15												
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%									120				
SOCLE	TOF	MTOF171000C0	UART	Compact				2	Gray card									70							
								2	White card												120			
SHARP	TOF	GP2AP02VT00F	I2C	Very Compact						5	Gray card - 17%										120				
SHARP	TOF	GP2AP03VT00F	I2C	Very Compact	0.5						10													
SOCLE	Ultrasonic	SUD01A	I2C	Module, Connector							10													300	
SOCLE	Ultrasonic	SUD02	I2C	Module, Connector							10													300	

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