Distance Sensor Selection

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	450
DMS	GP2Y0A02SKDF	Analog	Standard										20									150			
DMS	GP2Y0A02YK0F	Analog	Standard										20									150			
DMS	GP2Y0A21YK0F	Analog	Standard							10									80						
DMS	GP2Y0A41SK0F	Analog	Standard					4							30										
DMS	GP2Y0A51SK0F	Analog	Standard				2					15													
DMS	GP2Y0AF15X	Analog	Compact, connector			1.5						15													
DMS	GP2Y0D02YK0F	Digital 1-bit	Standard																80						
DMS	GP2Y0D21YK0F	Digital 1-bit	Standard											24											
DMS	GP2Y0E02A	Analog	Compact, CMOS					4									50								
DMS	GP2Y0E02B	Digital I2C	Compact, CMOS					4									50								
DMS	GP2Y0E03	Analog, Digital I2C	Compact, CMOS					4									50								
DMS	GP2Y0A60SZLF	Analog	Compact							10												150			
TOF	GP2AP02VT20F	I2C	Very Compact					4	Gray card - 17% reflectance												120				
TOF	GP2AP03VT00F	I2C	Very Compact	0.5	Gray card - 17% reflectance					10															
TOF	GP2AP04VT00F	I2C	Very Compact	0.1	Gray card - 17% reflectance											42									
TOF Module	FSSTOF1100D	I2C/ UART	Compact		1					10															
TOF Module	FSSTOF52000D	I2C/ UART	Very Compact						5													200			
TOF Module	FSSTOF54500D	I2C/ UART	Very Compact						5															450	
Ultrasonic	FSSUD01	I2C	Module, Connector				2								30										
Ultrasonic	FSSUR0A0	I2C	Module, Connector				2								30										
Ultrasonic	FSSUR0A1	I2C	Module, Connector				2															200			

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