



**Socle Technology Corporation** 



Image may be representation. See specifications for product details.

### GP2Y0A51SK0F

Part Number:

Manufacturer/Brand:

Product description

Datasheets:

RoHs Status Ship From

Shipment Way

GP2Y0A51SK0F

Socle Technology Corporation

SENSOR DIST-MEAS 2CM-15CM ANLG

1.GP2Y0A51SK0F.pdf

2.GP2Y0A51SK0F.pdf Lead free / RoHS Compliant

Hong Kong

DHL/Fedex/TNT/UPS/EMS

# **REQUEST FOR QUOTATION**

PART NUMBER  GP2Y0A51SK0F  MANUFACTURER  Socke Technology Corporation  DESCRIPTION  SENSOR DIST-MEAS 2CM-15CM ANLG  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DATA SHEET  DATA SHEET  LEAD FREE SUPPLY  VOLTAGE - SUPPLY  VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE  VOLTAGE - OUTPUT (TYP) @ DISTANCE  VOLTAGE - OUTPUT (TYP) @ DISTANCE  VOLTAGE - OUTPUT (TYP) @ DISTANCE  SERIES  SENSING DISTANCE  OUTPUT TYPE  Analog  THEN NAMES  ANALOG  DEPARTING TEMPERATURE  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  20 Weeks  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  OPTICAL SENSOR ANALOG  OUTPUT - SUPPLY  OPTICAL SENSOR ANALOG  OUTPUT - SUPPLY  OPTICAL SENSOR ANALOG  OUTPUT - SUPPLY  OPTICAL SENSOR ANALOG  SENSOR DISTANCE  SENSOR DISTANCE  SENSOR DISTANCE  1.65V @ 2 ~ 15cm  400mV @ 15cm  1.65V @ 2 ~ 15		Specifications of GP2Y0A51SK0F
MANUFACTURER  Socie Technology Corporation  DESCRIPTION  SENSOR DIST-MEAS 2CM-15CM ANLG  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DATA SHEET  DATA SHEET  DATA SHEET  VOLTAGE - SUPPLY  VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE  VOLTAGE - OUTPUT (TYP) @ DISTANCE  VOLTAGE - OU		
DESCRIPTION  SENSOR DIST-MEAS 2CM-15CM ANLG  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  DATA SHEET  DATA SHEET  DATA SHEET  DATA SHEET  DATA SHEET  DATA SUPPLY  VOLTAGE - SUPPLY  VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE  1.65V @ 2 ~ 15cm  VOLTAGE - OUTPUT (TYP) @ DISTANCE  400mV @ 15cm  SERIES  SENSING DISTANCE  2 ~ 15cm  OUTPUT TYPE  Analog  THER NAMES  DESCRIPTION  DESCRIPTION  DESCRIPTION  DESCRIPTION  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  LEAD FREE STATUS / ROHS STATUS  Lead free / ROHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	PART NUMBER	GP2Y0A51SK0F
LEAD FREE STATUS / ROHS STATUS       Lead free / RoHS Compliant         DATA SHEET       □ 1.GP2Y0A51SK0F.pdf         VOLTAGE - SUPPLY       4.5 V ~ 5.5 V         VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE       1.65V @ 2 ~ 15cm         VOLTAGE - OUTPUT (TYP) @ DISTANCE       400mV @ 15cm         SERIES       -         SENSING DISTANCE       2 ~ 15cm         OUTPUT TYPE       Analog         OTHER NAMES       1855-1027 425-2854 425-2854-ND GP2Y0A51SK0F-ND         OPERATING TEMPERATURE       -10°C ~ 60°C (TA)         MOISTURE SENSITIVITY LEVEL (MSL)       1 (Unlimited)         MANUFACTURER STANDARD LEAD TIME       20 Weeks         LEAD FREE STATUS / ROHS STATUS       Lead free / ROHS Compliant         DETAILED DESCRIPTION       Optical Sensor 2 ~ 15cm Analog Output	MANUFACTURER	Socle Technology Corporation
DATA SHEET  2 1.GP2Y0A51SK0F.pdf  2 2.GP2Y0A51SK0F.pdf  VOLTAGE - SUPPLY  4.5 V ~ 5.5 V  VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE  1.65V @ 2 ~ 15cm  VOLTAGE - OUTPUT (TYP) @ DISTANCE  400mV @ 15cm  SERIES  -  SENSING DISTANCE  2 ~ 15cm  OUTPUT TYPE  Analog  OTHER NAMES  41855-1027 425-2854 425-2854-ND GP2Y0A51SK0F-ND  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  20 Weeks  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	DESCRIPTION	SENSOR DIST-MEAS 2CM-15CM ANLG
DATA SHEET  2.GP2Y0A51SK0F.pdf  VOLTAGE - SUPPLY  4.5 V ~ 5.5 V  VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE  1.65V @ 2 ~ 15cm  VOLTAGE - OUTPUT (TYP) @ DISTANCE  400mV @ 15cm  SERIES  -  SENSING DISTANCE  2 ~ 15cm  OUTPUT TYPE  Analog  OTHER NAMES  425-2854 425-2854 425-2854-ND GP2Y0A51SK0F-ND  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  20 Weeks  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE  VOLTAGE - OUTPUT (TYP) @ DISTANCE  400mV @ 15cm  SERIES  -  SENSING DISTANCE  2 ~ 15cm  OUTPUT TYPE  Analog  THER NAMES  1855-1027 425-2854-ND GPZYOA515K0F-ND  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  LEAD FREE STATUS / ROHS STATUS  DETAILED DESCRIPTION  OPtical Sensor 2 ~ 15cm Analog Output	DATA SHEET	
VOLTAGE - OUTPUT (TYP) @ DISTANCE 400mV @ 15cm  SERIES -  SENSING DISTANCE 2 ~ 15cm  OUTPUT TYPE Analog  OTHER NAMES 1855-1027 425-2854 425-2854 425-2854-ND GP2Y0A51SK0F-ND  OPERATING TEMPERATURE -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  MANUFACTURER STANDARD LEAD TIME 20 Weeks  LEAD FREE STATUS / ROHS STATUS Lead free / ROHS Compliant  DETAILED DESCRIPTION Optical Sensor 2 ~ 15cm Analog Output	VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
SERIES -  SENSING DISTANCE 2 ~ 15cm  OUTPUT TYPE Analog  OTHER NAMES 1855-1027 425-2854 425-2854-ND GP2Y0A51SK0F-ND  OPERATING TEMPERATURE -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL) 1 (Unlimited)  MANUFACTURER STANDARD LEAD TIME 20 Weeks  LEAD FREE STATUS / ROHS STATUS Lead free / RoHS Compliant  DETAILED DESCRIPTION Optical Sensor 2 ~ 15cm Analog Output	VOLTAGE - OUTPUT DIFFERENCE (TYP) @ DISTANCE	1.65V @ 2 ~ 15cm
SENSING DISTANCE  OUTPUT TYPE  Analog  1855-1027 425-2854 425-2854-ND GP2Y0A51SK0F-ND  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  LEAD FREE STATUS / ROHS STATUS  DETAILED DESCRIPTION  OUTPUT TYPE  Analog  1855-1027 425-2854 425-2854 425-2854-ND GP2Y0A51SK0F-ND  GP2Y0A51SK0F-ND  UPUT TYPE  Analog  1855-1027 425-2854 425-2854 425-2854 425-2854 425-2854-ND GP2Y0A51SK0F-ND  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  Unlimited)  Detailed Description  Optical Sensor 2 ~ 15cm Analog Output	VOLTAGE - OUTPUT (TYP) @ DISTANCE	400mV @ 15cm
OUTPUT TYPE  Analog  1855-1027 425-2854 425-2854-ND GP2Y0A515K0F-ND  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL)  1 (Unlimited)  MANUFACTURER STANDARD LEAD TIME  20 Weeks  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	SERIES	-
OTHER NAMES  1855-1027 425-2854 425-2854-ND GP2Y0A51SK0F-ND  OPERATING TEMPERATURE  -10°C ~ 60°C (TA)  MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  20 Weeks  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	SENSING DISTANCE	2 ~ 15cm
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MOISTURE SENSITIVITY LEVEL (MSL)  MANUFACTURER STANDARD LEAD TIME  20 Weeks  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	OTHER NAMES	425-2854 425-2854-ND
MANUFACTURER STANDARD LEAD TIME  20 Weeks  LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	OPERATING TEMPERATURE	-10°C ~ 60°C (TA)
LEAD FREE STATUS / ROHS STATUS  Lead free / RoHS Compliant  DETAILED DESCRIPTION  Optical Sensor 2 ~ 15cm Analog Output	MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
DETAILED DESCRIPTION Optical Sensor 2 ~ 15cm Analog Output	MANUFACTURER STANDARD LEAD TIME	20 Weeks
	LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
CURRENT - SUPPLY 22mA	DETAILED DESCRIPTION	Optical Sensor 2 ~ 15cm Analog Output
	CURRENT - SUPPLY	22mA

# **Related Tags**

Socle Technology Corporation GP2Y0A51SK0F	GP2Y0A51SK0F Distributor	GP2Y0A51SK0F Supplier
GP2Y0A51SK0F Price	GP2Y0A51SK0F Pictures	GP2Y0A51SK0F Image
GP2Y0A51SK0F PDF Datasheet	GP2Y0A51SK0F Download Datasheet	GP2Y0A51SK0F Datasheet
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Socle Technology Corporation GP2Y0A51SK0F	Socle Technology Corporation Supplier	Socle Technology Corporation Distributor
Socle Technology Corporation GP2Y0A51SK0F		

# **Related Products**



#### GP2Y0A700K0F Manufacturers: Sharp Microelectronics

Description: SENSOR DIST MEAS 100-500CM ANLG In stock: Out stock

**RFQ** 



Description: SENSOR DIST MEASUR 80CM DIGI In stock: Out stock

**RFQ** 

GP2Y0AH01K0F



## GP2Y0A21YK

Manufacturers: Sharp Microelectronics Description: SENSOR DIST MEASUR 80CM ANLG In stock: Out stock

**RFQ** 



# GP2Y0A21YK0F

In stock: Out stock

Manufacturers: Sharp Microelectronics Description: SENSOR DIST MEASUR 80CM ANLG

**RFQ** 



# **GP2Y0A02YK0F**

Manufacturers: Socle Technology Corporation Description: SENSOR DIST MEASUR 150CM ANLG

In stock: Out stock

**RFQ** 



## **GP2Y0A02YK**

Manufacturers: Sharp Microelectronics

Description: SENSOR DIST MEASUR 150CM ANLG In stock: Out stock

**RFQ** 



# **GP2Y0A02SKDF**

Manufacturers: Socle Technology Corporation Description: SENSOR DISTANCE MEASURING

In stock: Out stock

**RFQ** 



## **GP2Y0A60SZLF**

Description: SENSOR DIST-MEAS 10CM-150CM ANLG In stock: Out stock

Manufacturers: Socle Technology Corporation

**RFQ** 



#### **GP2Y0AF15Y** Manufacturers: Socle Technology Corporation

Description: SENSOR DISTANCE MEASURING In stock: Out stock

**RFQ** 



## GP2Y0A41SK0F

Description: SENSOR DIST MEAS 4-30CM ANLG In stock: Out stock

Manufacturers: Socle Technology Corporation

**RFQ** 



#### GP2Y0AH01K Manufacturers: Sharp Microelectronics Description: SENSOR DIST-MEAS .45CM-.6CM ANLG

In stock: Out stock

**RFQ** 



### **GP2Y0A60SZ0F** Manufacturers: Sharp Microelectronics

In stock: Out stock

Description: SENSOR DIST MEAS 10-150CM ANLG

**RFQ** 

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