Product Overview

Digi-Key Part Number	DS18B20+-ND
Quantity Available	**17.384** Can ship immediately
Manufacturer	Maxim Integrated
Manufacturer Part Number	DS18B20+
Description	SENSOR TEMPERATURE 1-WIRE TO92-3
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks
Detailed Description	Temperature Sensor Digital, Local -55°C ~ 125°C 11 b TO-92-3

Price & Procurement

All prices are in EUR.

Price Break	Unit Price	Extended Price
1	2,25000	2,25 €
10	2,20400	22,04 €

Submit a request for quotation on quantities greater than those displayed.

Alternate Package | This part is also available in the following packaging:

Tape & Reel (TR) : DS18B20+T&RTR-ND
Minimum Quantity: 2.000
Quantity Available: 6.000 - Immediate
Unit Price: 1,70770 €

Cut Tape (CT) : DS18B20+T&RCT-ND
Minimum Quantity: 1
Quantity Available: 7.045 - Immediate
Unit Price: 3,68000 €

Documents & Media

Datasheets	DS18B20 Datasheet 21-0248 Pkg Drawing
Mfg Application Notes	Understanding and Using Cyclic Redundancy Checks with Maxim 1-Wire and iButton Products 1-Wire Communication Through Software Guidelines for Reliable Long Line 1-Wire Networks 1-Wire® Tagging with XML Interfacing the DS18X20/DS1822 1-Wire® Temperature Sensor in a Microcontroller Environment View More
Product Training Modules	1-Wire Communications
Design Resources	Development Tool Selector
Featured Product	Waterproof DS18B20 Sensor Kit
EDA / CAD Models	DS18B20+ by SnapEDA
EDA / CAD Models	Download from Ultra Librarian
Catalog Page	1187 (EU2011-EN PDF)

Product Attributes

Categories	Sensors, Transducers Temperature Sensors - Analog and Digital Output
Manufacturer	Maxim Integrated
Series	-
Packaging	Bulk
Part Status	Active
Sensor Type	Digital, Local
Sensing Temperature - Local	-55°C ~ 125°C
Sensing Temperature - Remote	-
Output Type	1-Wire®
Voltage - Supply	3 V ~ 5.5 V
Resolution	11 b
Features	Output Switch, Programmable Limit, Programmable Resolution

Accuracy - Highest (Lowest)	±0.5°C (±2°C)
Test Condition	-10°C ~ 85°C (-55°C ~ 125°C)
Operating Temperature	-55°C ~ 125°C
Mounting Type	Through Hole
Package / Case	TO-226-3, TO-92-3 (TO-226AA)
Supplier Device Package	TO-92-3

3.816 Remaining

For Use With

DFR0024
DFRobot
GRAVITY: DS18B20
TEMPERATURE SEN
Unit Price 3,34000 €
1738-1088-ND

101990019
Seeed Technology Co., Ltd
ONE WIRE TEMPERATURE
SENSOR
Unit Price 6,19833 €
101990019-ND

DFR0300
DFRobot
ANALOG ELECTRICAL
CONDUCTIVITY M
Unit Price 58,33000 €
DFR0300-ND

You May Also Be Interested In

BC547BTA
ON
Semiconductor
TRANS NPN 45V
0.1A TO-92
Unit Price
0,18000 €
BC547BTACT-ND

LM35DZ/NOPB
Texas
Instruments
SENSOR TEMP
ANLG VOLT TO-
92-3
Unit Price
1,66000 €
LM35DZ/NOPB-
ND

SEN-11050
SparkFun
Electronics
TEMP SENSOR
WTRPRF
DS18B20 11050
Unit Price
8,06000 €
1568-1228-ND

TMP36GT9Z
Analog Devices
Inc.
SENSOR TEMP
ANLG VOLT TO-
92-3
Unit Price
1,21000 €
TMP36GT9Z-ND

1825910-6
TE Connectivity
ALCOSWITCH
Switches
SWITCH
TACTILE SPST-
NO 0.05A 24V
Unit Price
0,08000 €
450-1650-ND

Additional Resources

Standard Package	2.000

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