CLIPLINE

MARKING system

Conductor marking with Single Digit SD and thermal transfer printer

PHOENIX CONTACT
INSPIRING INNOVATIONS

All-purpose conductor marking

The THERMOMARK S1 compact thermal transfer printer and corresponding labeling material enables quick and easy labeling of all conductors and cables. Single Digit SD-WMS markers are ideal for applications where devices such as PCs and printers cannot be used.

THERMOMARK S1

	Description	Type	Order No.
	THERMOMARK S1, thermal transfer printer including power supply unit, connecting cable, printer drivers, operating instructions, and CLIP PROJECT advanced planning and marking software.	THERMOMARK S1	**5145339**
	Technical data		
	Print resolution Maximum printing width Maximum printing length Interfaces Power supply Dimensions (L x W x H) Weight	300 dpi 10 mm 76 mm Serial (RS-232), parallel (Centronics), USB level 1.1 100 - 240 V AC, 50 - 60 Hz 250 x 230 x 170 mm 2.7 kg, approximately	

Accessories

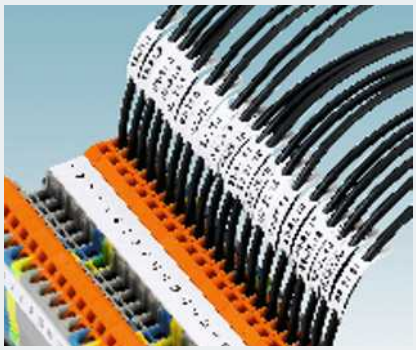
	Description	Type	Order No.
	Cutter, can be retrofitted for precise cutting of material off the roll	THERMOMARK S1 CUTTER	**5145339**
	External media hub, for rolls with outside diameter of up to 200 mm	THERMOMARK-ERH 200	**5145342**
	Ink ribbon, 300 m in length, 110 mm wide, ink color: black	THERMOMARK-RIBBON 110	**5145384**

Conductor marking material for THERMOMARK S1

Material off the roll

For conductor and cable marking with the THERMOMARK S1, Phoenix Contact offers various types of labeling material off the roll*. Depending on the requirements, the markers can be slid on, wound round, or attached with cable markers for larger diameters and to bundle conductors.

Delivery form: Roll



WMT...	Conductor diameter [mm]	Lettering field size [mm]	Markers per roll	Pcs./ Pkt.	Color	Type	Order No.
	1.0 - 2.4	15 x 4	4000	1	WH	WMT 2.4 (15X4)R	**0816281**
	2.0 - 3.5	15 x 5	4000	1	WH	WMT 3.5 (15X5)R	**0817222**
	3.0 - 4.2	15 x 6	4000	1	WH	WMT 4.2 (15X6)R	**0817235**
	4.0 - 5.5	15 x 8	4000	1	WH	WMT 5.5 (15X8)R	**0817248**
	5.0 - 8.4	17 x 10	4000	1	WH	WMT 8.4 (17X10)R	**0817251**

WMTB...	Conductor diameter [mm]	Lettering field size [mm]	Markers per roll	Pcs./ Pkt.	Color	Type	Order No.
	1)	24 x 8	4000	1	WH	WMTB (24X8)R	**0816278**
	1)	35 x 15	1700	1	WH	WMTB (35X15)R	**0817316**

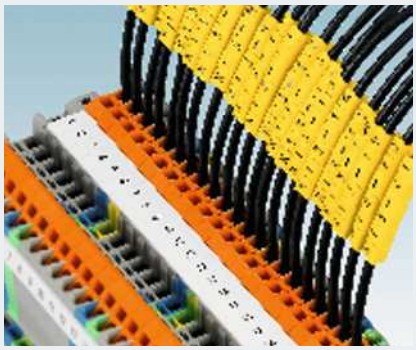
1) Depends on the length of the cable binder

WML...	Conductor diameter [mm]	Lettering field size [mm]	Markers per roll	Pcs./ Pkt.	Color	Type	Order No.
	< 5	25 x 10	3000	1	WH	WML 5 (25X10)R	**0817523**
	< 6	13 x 13	7000	1	WH	WML 6 (13X13)R	**0816252**
	< 14	25 x 19	1500	1	WH	WML 14 (25X19)R	**0817536**
	< 14	38 x 19	1000	1	WH	WML 14 (38X19)R	**0817552**
	< 18	12 x 12	2500	1	WH	WML 18 (12X12)R	**0817507**
	< 36	25 x 38	500	1	WH	WML 36 (25X38)R	**0817510**
	< 14	25 x 19	1500	1	YE	WML 14 (25X19)R YE	**0817549**
	< 3	13 x 10	5000	1	WH	WML 3 (13X10)RL**	**0817565**
	< 7.5	13 x 13	10,000	1	WH	WML 7,5 (13X13)RL**	**0817578**
	< 7.5	25 x 13	5000	1	WH	WML 7,5 (25X13)RL**	**0817581**
	< 12	25 x 19	3000	1	WH	WML 12 (25X19)RL**	**0817594**
	< 22	25 x 25	3000	1	WH	WML 22 (25X25)RL**	**0817604**

* Thermomark print media are free from silicon and halogen. They meet the requirements of DIN EN 61010-1/VDE 0411-1.
** These cable marker labels must only be processed with the external media hub on the THERMOMARK S1.

Conductor marking with individual marking collars

SD-WMS conductor marker (bag)
The SD-WMS conductor marking collars enable easy and reliable conductor labeling. Multi-character labels can be created by combining several pre-labeled individual collars.
Delivery form: In a bag



	Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
	1.3 - 3.0	Unprinted	200	WH	SD-WMS 3 (NEUTRAL)	**0825612**
	1.3 - 3.0	Numbers 0 - 9	200	WH	SD-WMS 3 (NU)	**0825586**
	1.3 - 3.0	Letters A - Z	200	WH	SD-WMS 3 (CH)	**0825599**
	1.3 - 3.0	Symbols...	200	WH	SD-WMS 3 (SY)	**0825609**
	1.3 - 3.0	Unprinted	200	YE	SD-WMS 3 (NEUTRAL) YE	**0825573**
	1.3 - 3.0	Numbers 0 - 9	200	YE	SD-WMS 3 (NU) YE	**0825544**
	1.3 - 3.0	Letters A - Z	200	YE	SD-WMS 3 (CH) YE	**0825557**
	1.3 - 3.0	Symbols...	200	YE	SD-WMS 3 (SY) YE	**0825560**
	1.3 - 3.0	–	200	BU	SD-WMS 3 (SY) BU	**0825625**
	1.3 - 3.0	+	200	RD	SD-WMS 3 (SY) RD	**0825638**
	1.3 - 3.0	Numbers 0 - 9	200	Color code[1)]	SD-WMS 3 (NU) CC	**0825641**

	Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
	2.5 - 5.0	Unprinted	200	WH	SD-WMS 5 (NEUTRAL)	**0828900**
	2.5 - 5.0	Numbers 0 - 9	200	WH	SD-WMS 5 (NU)	**0825874**
	2.5 - 5.0	Letters A - Z	200	WH	SD-WMS 5 (CH)	**0825887**
	2.5 - 5.0	Symbols...	200	WH	SD-WMS 5 (SY)	**0825890**
	2.5 - 5.0	Unprinted	200	YE	SD-WMS 5 (NEUTRAL) YE	**0825861**
	2.5 - 5.0	Numbers 0 - 9	200	YE	SD-WMS 5 (NU) YE	**0825832**
	2.5 - 5.0	Letters A - Z	200	YE	SD-WMS 5 (CH) YE	**0825845**
	2.5 - 5.0	Symbols...	200	YE	SD-WMS 5 (SY) YE	**0825858**
	2.5 - 5.0	–	200	BU	SD-WMS 5 (SY) BU	**0828913**
	2.5 - 5.0	+	200	RD	SD-WMS 5 (SY) RD	**0828926**
	2.5 - 5.0	Numbers 0 - 9	200	Color code[1)]	SD-WMS 5 (NU) CC	**0828939**

[1)] See color code table

Conductor marking with individual marking collars

Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
4.0 - 10	Unprinted	100	WH	SD-WMS 10 (NEUTRAL)	**0826200**
4.0 - 10	Numbers 0 - 9	100	WH	SD-WMS 10 (NU)	**0826161**
4.0 - 10	Letters A - Z	100	WH	SD-WMS 10 (CH)	**0826174**
4.0 - 10	Symbols...	100	WH	SD-WMS 10 (SY)	**0826187**
4.0 - 10	Unprinted	100	YE	SD-WMS 10 (NEUTRAL) YE	**0826158**
4.0 - 10	Numbers 0 - 9	100	YE	SD-WMS 10 (NU) YE	**0826129**
4.0 - 10	Letters A - Z	100	YE	SD-WMS 10 (CH) YE	**0826132**
4.0 - 10	Symbols...	100	YE	SD-WMS 10 (SY) YE	**0826145**
4.0 - 10	–	100	BU	SD-WMS 10 (SY) BU	**0826213**
4.0 - 10	+	100	RD	SD-WMS 10 (SY) RD	**0826226**
4.0 - 10	Numbers 0 - 9	100	Color code[1)]	SD-WMS 10 (NU) CC	**0826239**

Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
8.0 - 16	Unprinted	20	WH	SD-WMS 16 (NEUTRAL)	**0826420**
8.0 - 16	Numbers 0 - 9	20	WH	SD-WMS 16 (NU)	**0826394**
8.0 - 16	Letters A - Z	20	WH	SD-WMS 16 (CH)	**0826404**
8.0 - 16	Symbols...	20	WH	SD-WMS 16 (SY)	**0826417**
8.0 - 16	Unprinted	20	YE	SD-WMS 16 (NEUTRAL) YE	**0826381**
8.0 - 16	Numbers 0 - 9	20	YE	SD-WMS 16 (NU) YE	**0826352**
8.0 - 16	Letters A - Z	20	YE	SD-WMS 16 (CH) YE	**0826365**
8.0 - 16	Symbols...	20	YE	SD-WMS 16 (SY) YE	**0826378**
8.0 - 16	–	20	BU	SD-WMS 16 (SY) BU	**0826433**
8.0 - 16	+	20	RD	SD-WMS 16 (SY) RD	**0826446**
8.0 - 16	Numbers 0 - 9	20	Color code[1)]	SD-WMS 16 (NU) CC	**0826459**

Accessories for SD-WMS...

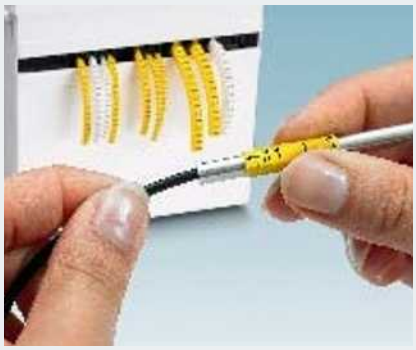
The SD-WMS… TOOL alignment tools make it easier to slide markers onto the conductor.

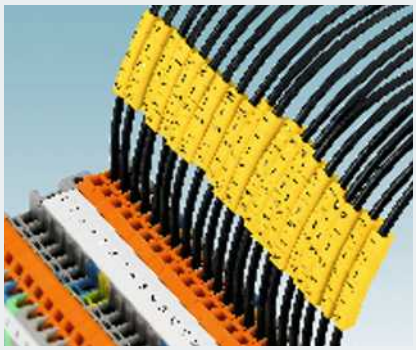
The SORTI... storage boxes can be used to securely store the markers and are available in various sizes depending on the number of compartments.

	Type	Order No.
	SD-WMS 3 TOOL	**0826462**
	SD-WMS 5 TOOL	**0826475**
	SORTI 1/10	**5020425**
	SORTI 2/12	**5020674**
	SORTI 3/7	**5020645**
	SORTI 3/8	**5020438**
	SORTI 3/18	**5028731**
	SORTI 4/8	**5145180**
	SORTI 4/12	**5020658**
	SORTI 4/24	**5031524**

Conductor marking with individual marking collars

SD-WMS conductor marker (roll)
The SD-WMS conductor marking collars enable easy and reliable conductor labeling. Multi-character labels can be created by combining several pre-labeled individual collars.
Delivery form: Roll





	Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
	1.3 - 3.0	Unprinted	500	YE	SD-WMS 3 (NEUTRAL)R YE	**0825683**
	1.3 - 3.0	Numbers 0 - 9	500	YE	SD-WMS 3 (NU)R YE	**0825654**
	1.3 - 3.0	Letters A - Z	500	YE	SD-WMS 3 (CH)R YE	**0825667**
	1.3 - 3.0	Symbols...	500	YE	SD-WMS 3 (SY)R YE	**0825670**
	1.3 - 3.0	–	500	BU	SD-WMS 3 (SY)R BU	**0825735**
	1.3 - 3.0	+	500	RD	SD-WMS 3 (SY)R RD	**0825748**
	1.3 - 3.0	Numbers 0 - 9	500	Color code[1)]	SD-WMS 3 (NU)R CC	**0825751**

	Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
	2.5 - 5.0	Unprinted	500	YE	SD-WMS 5 (NEUTRAL)R YE	**0825971**
	2.5 - 5.0	Numbers 0 - 9	500	YE	SD-WMS 5 (NU)R YE	**0825942**
	2.5 - 5.0	Letters A - Z	500	YE	SD-WMS 5 (CH)R YE	**0825955**
	2.5 - 5.0	Symbols...	500	YE	SD-WMS 5 (SY)R YE	**0825968**
	2.5 - 5.0	–	500	BU	SD-WMS 5 (SY)R BU	**0826022**
	2.5 - 5.0	+	500	RD	SD-WMS 5 (SY)R RD	**0826035**
	2.5 - 5.0	Numbers 0 - 9	500	Color code[1)]	SD-WMS 5 (NU)R CC	**0826048**

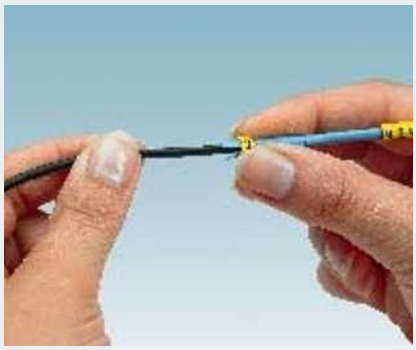
	Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
	4.0 - 10	Unprinted	250	YE	SD-WMS 10 (NEUTRAL)R YE	**0826271**
	4.0 - 10	Numbers 0 - 9	250	YE	SD-WMS 10 (NU)R YE	**0826242**
	4.0 - 10	Letters A - Z	250	YE	SD-WMS 10 (CH)R YE	**0826255**
	4.0 - 10	Symbols...	250	YE	SD-WMS 10 (SY)R YE	**0826268**
	4.0 - 10	–	250	BU	SD-WMS 10 (SY)R BU	**0826323**
	4.0 - 10	+	250	RD	SD-WMS 10 (SY)R RD	**0826336**
	4.0 - 10	Numbers 0 - 9	250	Color code[1)]	SD-WMS 10 (NU)R CC	**0826349**

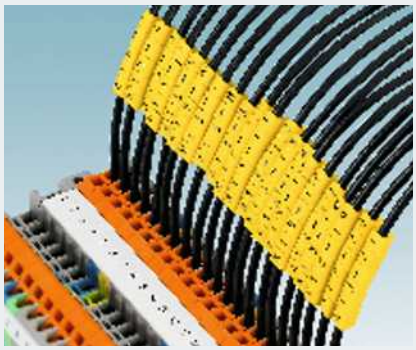
[1)] See color code table

	Type	Order No.
	SD-WMS 3 TOOL	**0826462**
	SD-WMS 5 TOOL	**0826475**
	SD-WMS CASE	**0826501**

Conductor marking with individual marking collars

SD-WMS conductor marker (strip)
The SD-WMS conductor marking collars enable easy and reliable conductor labeling. Multi-character labels can be created by combining several pre-labeled individual collars.
Delivery form: Strip – Can be quickly slid onto the conductor





	Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
	1.3 - 3.0	Unprinted	250	YE	SD-WMS 3 (NEUTRAL)S YE	**0825793**
	1.3 - 3.0	Numbers 0 - 9	250	YE	SD-WMS 3 (NU)S YE	**0825764**
	1.3 - 3.0	Letters A - Z	250	YE	SD-WMS 3 (CH)S YE	**0825777**
	1.3 - 3.0	Symbols...	250	YE	SD-WMS 3 (SY)S YE	**0825780**
	1.3 - 3.0	–	250	BU	SD-WMS 3 (SY)S BU	**0825803**
	1.3 - 3.0	+	250	RD	SD-WMS 3 (SY)S RD	**0825816**
	1.3 - 3.0					
	1.3 - 3.0	Numbers 0 - 9	250	Color code[1)]	SD-WMS 3 (NU)S CC	**0825829**

	Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
	2.5 - 5.0	Unprinted	250	YE	SD-WMS 5 (NEUTRAL)S YE	**0826080**
	2.5 - 5.0	Numbers 0 - 9	250	YE	SD-WMS 5 (NU)S YE	**0826051**
	2.5 - 5.0	Letters A - Z	250	YE	SD-WMS 5 (CH)S YE	**0826064**
	2.5 - 5.0	Symbols...	250	YE	SD-WMS 5 (SY)S YE	**0826077**
	2.5 - 5.0	–	250	BU	SD-WMS 5 (SY)S BU	**0826093**
	2.5 - 5.0	+	250	RD	SD-WMS 5 (SY)S RD	**0826103**
	2.5 - 5.0	Numbers 0 - 9	250	Color code[1)]	SD-WMS 5 (NU)S CC	**0826116**

[1)] See color code table

	Type	Order No.
	SD-WMS 3 STRIP-MAG	**0826488**
	SD-WMS 5 STRIP-MAG	**0826491**

Conductor marking with individual marking collars for assembly with cable binders

SD-WMTBS... cable marker
The SD-WMTBS cable marker is used to mark cables and conductors, including those with larger diameters. For this, the SD-WMTBS imprinted individual markers are pushed onto the corresponding holder. The holder is secured using standard cable binders.

Imprinting	Pcs./Pkt.	Color	Type	Order No.
Unprinted	100	YE	SD-WMTBS (NEUTRAL) YE	**0826637**
Numbers 0 - 9	100	YE	SD-WMTBS (NU) YE	**0826514**
Letters A - Z	100	YE	SD-WMTBS (CH) YE	**0826611**
Symbols...	100	YE	SD-WMTBS (SY) YE	**0826624**
Numbers 0 - 9	100	Color code[1)]	SD-WMTBS (NU) CC	**0826527**
Label holders				
Maximum number of characters	**Pcs./Pkt.**	**Color**	**Type**	**Order No.**
	100		SD-WMTB (70 x 10) BK	**0826530**
	100		SD-WMTB (100 x 10) BK	**0826543**

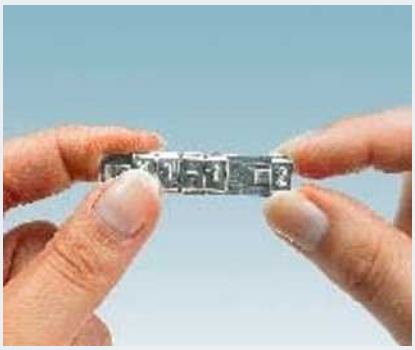
Length/width [mm]	Pcs./Pkt.	Color	Type	Order No.
100 x 2.5	1000	Transparent	PKB 100x2,5	**1005457**
140 x 3.6	1000	Transparent	PKB 140x3,6	**1005460**
190 x 4.8	1000	Transparent	PKB 190x4,8	**1005473**
200 x 2.5	1000	Transparent	PKB 200x2,5	**1005486**
290 x 4.8	1000	Transparent	PKB 290x4,8	**1005499**
370 x 4.8	1000	Transparent	PKB 370x4,8	**1005509**
100 x 2.5	1000		PKB 100x2,5 BK	**1005512**
140 x 3.6	1000		PKB 140x3,6 BK	**1005525**
190 x 4.8	1000		PKB 190x4,8 BK	**1005538**
200 x 2.5	1000		PKB 200x2,5 BK	**1005541**
290 x 4.8	1000		PKB 290x4,8 BK	**1005554**
370 x 4.8	1000		PKB 370x4,8 BK	**1005567**

International color code

Imprint	Marker color	Font color
0	Black	White
1	Brown	White
2	Red	White
3	Orange	Black
4	Yellow	Black
5	Green	White
6	Blue	White
7	Violet	White
8	Gray	Black
9	White	Black

Conductor marking with high-grade steel markers for assembly with cable binders

SD-WMTBS... VA cable marker
The SD-WMTBS high-grade steel cable marker is used to mark cables and conductors, including those with larger diameters.
For this, the SD-WMTBS… VA individual markers are pushed onto the corresponding holder. This is secured using high-grade steel cable binders.



Imprinting	Pcs./Pkt.	Material	Type	Order No.
Unprinted	10	High-grade steel	SD-WMTBS (NEUTRAL) VA	**0826666**
Numbers 0 - 9	10	High-grade steel	SD-WMTBS (NU) VA	**0826556**
Letters A - Z	10	High-grade steel	SD-WMTBS (CH) VA	**0826640**
Symbols...	10	High-grade steel	SD-WMTBS (SY) VA	**0826653**
Label holders				
	Pcs./Pkt.	**Material**	**Type**	**Order No.**
	50	High-grade steel	SD-WMTB (30 x 10) VA	**0826569**
	50	High-grade steel	SD-WMTB (47 x 10) VA	**0826572**
	50	High-grade steel	SD-WMTB (70 x 10) VA	**0826585**
	50	High-grade steel	SD-WMTB (92 x 10) VA	**0826598**
	50	High-grade steel	SD-WMTB (111 x 10) VA	**0826608**
			Suitable cable binders	
	100	High-grade steel	PKBV 130X4,6	**0806657**
	100	High-grade steel	PKBV 200X4,6	**0806660**

Order key

0825764 SD-WMS3 (NU) S YE

Order No.

Item type
SD-WMS 3… 1.3 - 3.0 mm
SD-WMS 5… 2.5 - 5.0 mm
SD-WMS 10… 4 - 10 mm
SD-WMS 16… 8 - 16 mm

Imprinting
(NEUTRAL) = Unprinted
(NU) = Numbers 0 - 9
(CH) = Letters A - Z
(SY) = Symbols + - /.GND
(NU) CC = International color code

Packaging
— = Multipack
R = Roll
S = Strip

Color
— = White
YE = Yellow
BU = Blue
RD = Red

Order No. 0825609: GND

Example configuration:
Yellow label for a conductor diameter of 3.0 mm, imprinted with the grounding symbol.

Conductor diameter [mm]	Imprinting	Pcs./Pkt.	Color	Type	Order No.
1.3 - 3.0	Unprinted	200	YE	SD-WMS 3 (NEUTRAL)	**0825612**
1.3 - 3.0	Numbers 0 - 9	200	YE	SD-WMS 3 (NU)	**0825586**
1.3 - 3.0	Letters A - Z	200	YE	SD-WMS 3 (CH)	**0825599**
1.3 - 3.0	Symbols...	200	YE	SD-WMS 3 (SY)	**0825609**

Further information on the products presented here and on the world of solutions from Phoenix Contact can be found at

www.phoenixcontact.net/catalog

Or contact us directly.

Industrial Connection Technology,
Marking Systems and Mounting Material

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Connection Technology for
Field Devices and Field Cabling

PLUSCON

Device Connection Technology
and Electronic Housings

COMBICON

Surge Protection

TRABTECH

Signal Converters, Switching Devices,
Power Supplies

INTERFACE

Components and Systems

AUTOMATION

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Printed in Germany

MNR 52004675/15.02.2009-01

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PHOENIX CONTACT

INSPIRING INNOVATIONS

OCEAN CHIPS
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Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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