



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

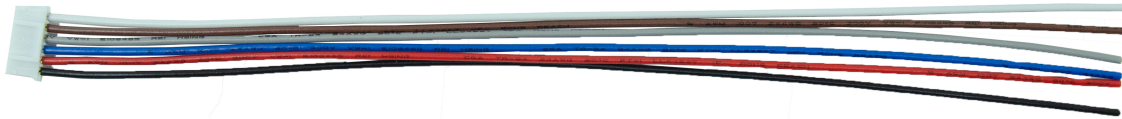
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Cables Manual

Version V1.00 | 2018-Jul-23

TRINAMIC offers various cables to connect their products. Below is an image of a cable which has a connector on one end, and a clean cut on the other end.



Contents

1 Order Codes	3
2 Technical Specifications	4
2.1 Mechanical Parameters EHR Cables	4
2.2 Mechanical Parameters PHR Cables	6
3 Tables Index	9
4 Supplemental Directives	10
4.1 Producer Information	10
4.2 Copyright	10
4.3 Trademark Designations and Symbols	10
4.4 Target User	10
4.5 Disclaimer: Life Support Systems	10
4.6 Disclaimer: Intended Use	10
4.7 Collateral Documents & Tools	11
5 Revision History	12
5.1 Document Revision	12



1 Order Codes

Order Code	Description	Size (Length)
Cable-EH03	Cable JST EHR-03 AWG 24	200mm
Cable-EH04	Cable JST EHR-04 AWG 24	200mm
Cable-EH06	Cable JST EHR-06 AWG 24	200mm
Cable-EH08	Cable JST EHR-08 AWG 24	200mm

Table 1: Order codes for EHR cables

Order Code	Description	Size (Length)
Cable-PH04	Cable JST PHR-04 AWG 24	200mm
Cable-PH05	Cable JST PHR-05 AWG 24	200mm
Cable-PH06	Cable JST PHR-06 AWG 24	200mm
Cable-PH08	Cable JST PHR-08 AWG 24	200mm
Cable-PH09	Cable JST PHR-09 AWG 24	200mm
Cable-PH10	Cable JST PHR-10 AWG 24	200mm
Cable-PH16	Cable JST PHR-16 AWG 24	200mm

Table 2: Order codes for PHR cables

Other cables available on request.



2 Technical Specifications

2.1 Mechanical Parameters EHR Cables

Parameter	Description
Order Code	Cable-EH03
Name	TMC-EHR-03
Art. Nr.	70-0025
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR3 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue

Table 3: Specifications Cable-EH03

Parameter	Description
Order Code	Cable-EH04
Name	TMC-EHR-04
Art. Nr.	70-0023
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR4 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray

Table 4: Specifications Cable-EH04

Parameter	Description
Order Code	Cable-EH06
Name	TMC-EHR-06
Art. Nr.	70-0026
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR6 connector
End 2	Clean cut



Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray Pin5: Brown Pin6: White
-------	---

Table 5: Specifications Cable-EH06

Parameter	Description
Order Code	Cable-EH08
Name	TMC-EHR-08
Art. Nr.	70-0027
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	EHR8 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray Pin5: Brown Pin6: White Pin7: Yellow Pin8: Green

Table 6: Specifications Cable-EH08



2.2 Mechanical Parameters PHR Cables

Parameter	Description
Order Code	Cable-PH04
Name	TMC-PHR-04
Art. Nr.	70-0005
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR4 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray

Table 7: Specifications Cable-PH04

Parameter	Description
Order Code	Cable-PH05
Name	TMC-PHR-05
Art. Nr.	70-0006
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR5 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray Pin5: Brown

Table 8: Specifications Cable-PH05

Parameter	Description
Order Code	Cable-PH06
Name	TMC-PHR-06
Art. Nr.	70-0020
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR6 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray Pin5: Brown Pin6: White



Table 9: Specifications Cable-PH06

Parameter	Description
Order Code	Cable-PH08
Name	TMC-PHR-08
Art. Nr.	70-0007
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR8 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray Pin5: Brown Pin6: White Pin7: White Pin8: Green

Table 10: Specifications Cable-PH08

Parameter	Description
Order Code	Cable-PH09
Name	TMC-PHR-09
Art. Nr.	70-0042
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR9 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray Pin5: Brown Pin6: White Pin7: White Pin8: Green Pin9: Black

Table 11: Specifications Cable-PH09

Parameter	Description
Order Code	Cable-PH10
Name	TMC-PHR-10
Art. Nr.	70-0017
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm



End 1	PHR10 connector
End 2	Clean cut
Color	Pin1: Black Pin2: Red Pin3: Blue Pin4: Gray Pin5: Brown Pin6: White Pin7: White Pin8: Green Pin9: Black Pin10: Red

Table 12: Specifications Cable-PH10

Parameter	Description
Order Code	Cable-PH16
Name	TMC-PHR-16
Art. Nr.	70-0008
Material	AWG 24 UL/CSA 1007/1569-TR64
Length	200mm
End 1	PHR16 connector
End 2	Clean cut
Color	Pin1: Green Pin2: Yellow Pin3: Black Pin4: Blue Pin5: White Pin6: Gray Pin7: Black Pin8: Blue Pin9: Gray Pin10: White Pin11: Yellow Pin12: Green Pin13: White Pin14: Brown Pin15: Black Pin16: Red

Table 13: Specifications Cable-PH16



3 Tables Index

1	Order codes for EHR cables	3	8	Specifications Cable-PH05	6
2	Order codes for PHR cables	3	9	Specifications Cable-PH06	7
3	Specifications Cable-EH03	4	10	Specifications Cable-PH08	7
4	Specifications Cable-EH04	4	11	Specifications Cable-PH09	7
5	Specifications Cable-EH06	5	12	Specifications Cable-PH10	8
6	Specifications Cable-EH08	5	13	Specifications Cable-PH16	8
7	Specifications Cable-PH04	6	14	Document Revision	12



4 Supplemental Directives

4.1 Producer Information

4.2 Copyright

TRINAMIC owns the content of this user manual in its entirety, including but not limited to pictures, logos, trademarks, and resources. © Copyright 2018 TRINAMIC. All rights reserved. Electronically published by TRINAMIC, Germany.

Redistributions of source or derived format (for example, Portable Document Format or Hypertext Markup Language) must retain the above copyright notice, and the complete Datasheet User Manual documentation of this product including associated Application Notes; and a reference to other available product-related documentation.

4.3 Trademark Designations and Symbols

Trademark designations and symbols used in this documentation indicate that a product or feature is owned and registered as trademark and/or patent either by TRINAMIC or by other manufacturers, whose products are used or referred to in combination with TRINAMIC's products and TRINAMIC's product documentation.

This Hardware Manual is a non-commercial publication that seeks to provide concise scientific and technical user information to the target user. Thus, trademark designations and symbols are only entered in the Short Spec of this document that introduces the product at a quick glance. The trademark designation /symbol is also entered when the product or feature name occurs for the first time in the document. All trademarks and brand names used are property of their respective owners.

4.4 Target User

The documentation provided here, is for programmers and engineers only, who are equipped with the necessary skills and have been trained to work with this type of product.

The Target User knows how to responsibly make use of this product without causing harm to himself or others, and without causing damage to systems or devices, in which the user incorporates the product.

4.5 Disclaimer: Life Support Systems

TRINAMIC Motion Control GmbH & Co. KG does not authorize or warrant any of its products for use in life support systems, without the specific written consent of TRINAMIC Motion Control GmbH & Co. KG.

Life support systems are equipment intended to support or sustain life, and whose failure to perform, when properly used in accordance with instructions provided, can be reasonably expected to result in personal injury or death.

Information given in this document is believed to be accurate and reliable. However, no responsibility is assumed for the consequences of its use nor for any infringement of patents or other rights of third parties which may result from its use. Specifications are subject to change without notice.

4.6 Disclaimer: Intended Use

The data specified in this user manual is intended solely for the purpose of product description. No representations or warranties, either express or implied, of merchantability, fitness for a particular purpose



or of any other nature are made hereunder with respect to information/specification or the products to which information refers and no guarantee with respect to compliance to the intended use is given.

In particular, this also applies to the stated possible applications or areas of applications of the product. TRINAMIC products are not designed for and must not be used in connection with any applications where the failure of such products would reasonably be expected to result in significant personal injury or death (safety-Critical Applications) without TRINAMIC's specific written consent.

TRINAMIC products are not designed nor intended for use in military or aerospace applications or environments or in automotive applications unless specifically designated for such use by TRINAMIC. TRINAMIC conveys no patent, copyright, mask work right or other trade mark right to this product. TRINAMIC assumes no liability for any patent and/or other trade mark rights of a third party resulting from processing or handling of the product and/or any other use of the product.

4.7 Collateral Documents & Tools

This product documentation is related and/or associated with additional tool kits, firmware and other items, as provided on the product page at: www.trinamic.com.



5 Revision History

5.1 Document Revision

Version	Date	Author	Description
1.00	23.07.2018	CB	Initial release.

Table 14: Document Revision

