



Technical Note

TN_173

UMFT4222PROG-IC Errata

Version 1.0

Issue Date: 2017-06-27

The intention of this errata technical note is to give a detailed description of known issues with the UMFT4222PROG-IC Development Module.

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Future Technology Devices International Limited (FTDI)

Unit 1, 2 Seaward Place, Glasgow G41 1HH, United Kingdom

Tel.: +44 (0) 141 429 2777 Fax: + 44 (0) 141 429 2758

Web Site: <http://ftdichip.com>

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1 FT4222PROG-IC Revision

UMFT4222PROG-IC part number is listed in **Table 1.1 UMFT4222PROG-IC Part Number**

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The current revision of the UMFT4222PROG-IC is rev. B. The part number will be changed to UMFT4222PROG-IC-B. There are no known issues with this version

Part Number	Description
UMFT4222PROG-IC	Programmer for the FT4222H IC that is fitted with an IC socket, revision A
UMFT4222PROG-IC-B	Programmer for the FT4222H IC that is fitted with an IC socket, revision B

Table 1.1 UMFT4222PROG-IC Part Number

This errata technical note covers the revision of UMFT4222PROG-IC listed in Table 2.

Revision	Notes
A	First revision.
B	Second revision

Table 1.2 UMFT4222PROG-IC Series Revisions

2 Errata History Table

Functional Errata	Short description	Errata occurs in revision
UMFT4222PROG-IC	FT4222H IC Power Issue	A

Table 2.1 Errata History

3 Errata List of UMFT4222PROG-IC

3.1 Revision A

3.1.1 FT4222H IC Power Issue

Introduction:

When the [UMFT4222PROG-IC](#) is plugged into the PC, with an [FT4222H](#) IC in the socket, the IC cannot be read by [FT_PROG](#).

Issue:

The FT4222H IC inside the socket cannot be read or programmed.

Workaround:

Place 0Ω resistor at R40 or make a solder bridge and ensure SW1 is pressed. By pressing SW1 it allows for the USB VBUS Supply (5V) to connect to DP_VBUS which supplies the FT4222H IC with power.

The locations of R40 and SW1 are shown in Figure 3.1.

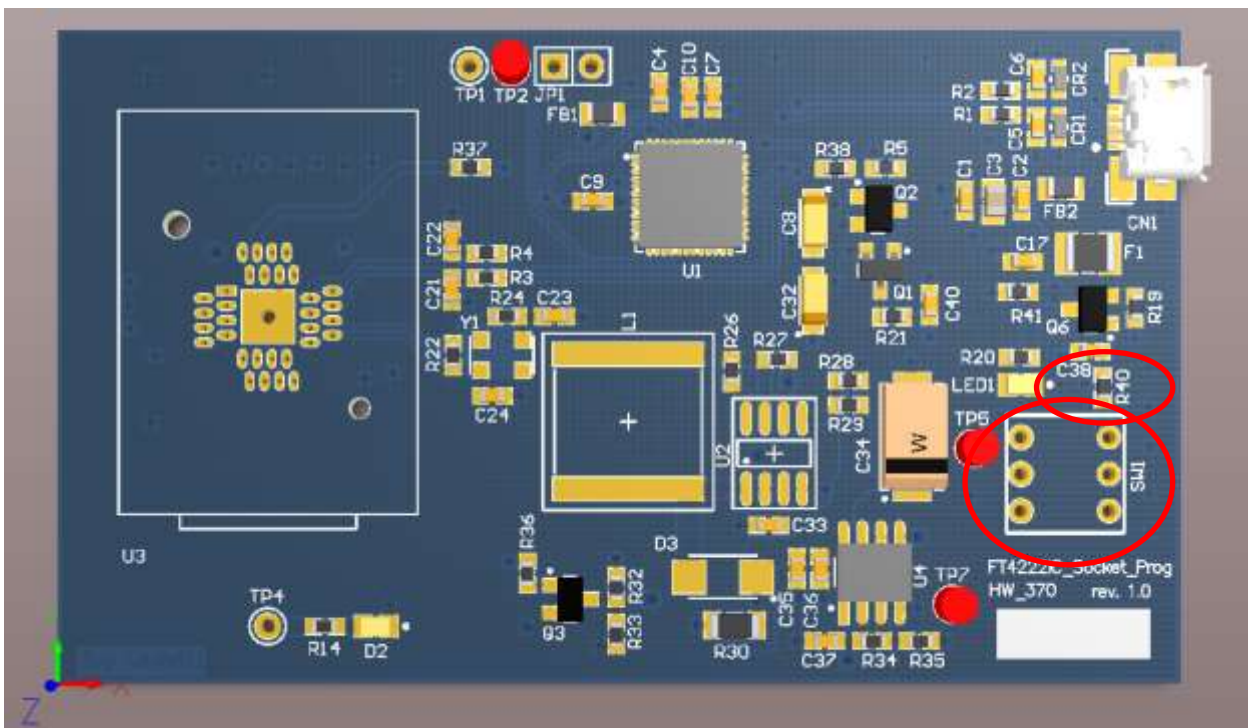


Figure 3.1 UMFT4222PROG-IC PCB Layout

Figure 3.2 shows a picture of the module as supplied.



Figure 3.2 UMFT4222PROG-IC Picture

Figure 3.3 shows R40 which needs to be populated by either a 0Ω resistor or a solder bridge.

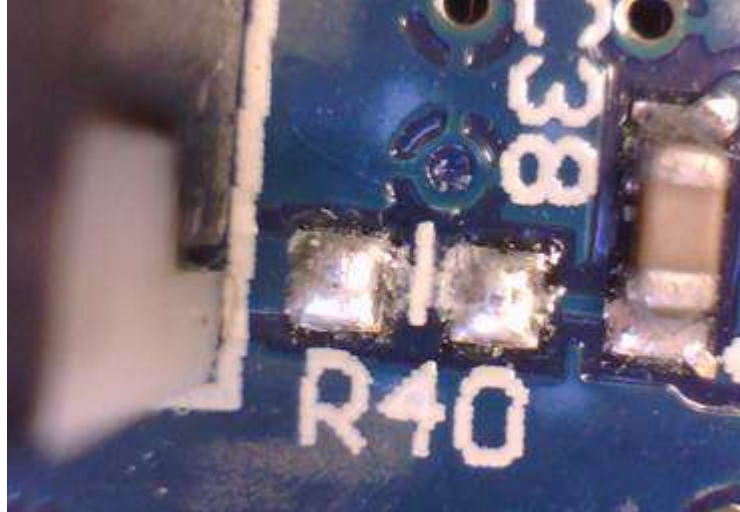


Figure 3.3 UMFT4222PROG-IC R40

4 Contact Information

Head Office – Glasgow, UK

Future Technology Devices International Limited
Unit 1, 2 Seaward Place, Centurion Business Park
Glasgow G41 1HH
United Kingdom
Tel: +44 (0) 141 429 2777
Fax: +44 (0) 141 429 2758

E-mail (Sales) sales1@ftdichip.com
E-mail (Support) support1@ftdichip.com
E-mail (General Enquiries) admin1@ftdichip.com

Branch Office – Tigard, Oregon, USA

Future Technology Devices International Limited (USA)
7130 SW Fir Loop
Tigard, OR 97223-8160
USA
Tel: +1 (503) 547 0988
Fax: +1 (503) 547 0987

E-mail (Sales) us.sales@ftdichip.com
E-mail (Support) us.support@ftdichip.com
E-mail (General Enquiries) us.admin@ftdichip.com

Branch Office – Taipei, Taiwan

Future Technology Devices International Limited (Taiwan)
2F, No. 516, Sec. 1, NeiHu Road
Taipei 114
Taiwan, R.O.C.
Tel: +886 (0) 2 8797 1330
Fax: +886 (0) 2 8751 9737

E-mail (Sales) tw.sales1@ftdichip.com
E-mail (Support) tw.support1@ftdichip.com
E-mail (General Enquiries) tw.admin1@ftdichip.com

Branch Office – Shanghai, China

Future Technology Devices International Limited (China)
Room 1103, No. 666 West Huaihai Road,
Shanghai, 200052
China
Tel: +86 21 62351596
Fax: +86 21 62351595

E-mail (Sales) cn.sales@ftdichip.com
E-mail (Support) cn.support@ftdichip.com
E-mail (General Enquiries) cn.admin@ftdichip.com

Web Site

<http://ftdichip.com>

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Appendix A – References

Document References

[FT4222H](#)

[FT_PROG](#)

[UMFT4222PROG-IC](#)

[UMFT4222PROG-IC Datasheet](#)

Acronyms and Abbreviations

Terms	Description
IC	Integrated Circuit
PC	Personal Computer

Appendix B – List of Tables & Figures

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Appendix C – Revision History

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Revision	Changes	Date
1.0	Initial Release	2017-06-27