

# *spi*flash<sup>®</sup>

## Serial Flash Programming Support Guide



# ***spiFlash<sup>®</sup> Serial Flash Programming Support Guide***



Winbond has established a close engineering and marketing relationship with world leading third-party programmer vendors to provide users with the most affordable and highest-quality support program in the industry. The third-party device programmer vendors listed here are independent companies and Winbond does not expressly or otherwise recommend these companies, their products or their services.

The following list provides a quick and easy reference for product programming support, those that are most widely used.

## **Approved List of Third Party Programming Support**

- Advantech Equipment Corp. (Taiwan & USA)
- Advin Systems, Inc. (USA)
- BPM Microsystems, Inc. (USA)
- Caprillon Enterprise Company (Taiwan)
- Conitec Datasystems GmbH (Germany & USA)
- Data I/O Corporation (USA)
- Dataman Programmers Ltd. (UK)
- Dediprolog Technology (Taiwan)
- EE Tools, Inc. (USA)
- ELNEC spol. s r.o. (Slovak)
- Hi-Lo System Research Co., Ltd. (Taiwan & USA)
- ICE Technology Ltd. (USA & UK)
- Leap Electronic Co., Ltd. (Taiwan)
- Minato Electronics Inc. (Japan)
- Needham's Electronics (USA)
- Stag Programming Solutions Ltd. (UK)
- System General Corp. (Taiwan & USA)
- Xeltek (USA)

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### Advantech Equipment Corp.

F1.7, No.98, Ming-Chuan Road Shing-Tien City  
 Taipei, Taiwan, R. O. C  
 Tel: 886-2-2218-2325  
 Fax: 886-2-2218-2435  
 Email: melody.tsai@advantech.com.tw  
 Web: www.aec.com.tw

### General Device Instruments (Distributor)

1931 Jim Casebolt Way  
 Sacramento, CA 95835  
 Tel: 916-419-2900  
 Fax: 916-419-0900  
 Email: sales@generaldevice.com  
 Web: www.labtool.com

Winbond spiFlash® Part Number	Advantech Equipment Corp.
	LabTool-48UXP/848XP (Firmware Version 6.80/4.50)
W25B20 / NX25B20	YES
W25B40 / NX25B40	YES
W25P10 / NX25P10	YES
W25P20 / NX25P20	YES
W25P40 / NX25P40	YES
W25P80 / NX25P80	YES
W25P16 / NX25P16	YES
W25D10*	YES
W25D20*	YES
W25D40*	YES
W25D80*	YES
W25X10	YES
W25X20	YES
W25X40	YES
W25X80	YES
W25X16	YES
W25X32	YES

\* For W25D family product, please contact Winbond for details.

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**Advin Systems, Inc.**

556 East Weddell Drive, #8  
Sunnyvale, CA 94089, USA

Tel: 1-888-462-3846  
1-408-243-7000

Fax: 1-408-541-9006

Email: sales@advin.com  
support@advin.com

Web: www.advin.com

Winbond spiFlash <sup>®</sup> Part Number	Advin Systems, Inc.	
	Pilot-MVP Pilot-U44-Plus Pilot-U84-Plus Pilot-U128-Plus	SpeedPro 280A SpeedPro 580A SpeedPro 3000A SpeedPro 9000A
W25B40 / NX25B40	YES	YES
W25P10 / NX25P10	YES	YES
W25P20 / NX25P20	YES	YES
W25P40 / NX25P40	YES	YES
W25P80 / NX25P80	YES	YES
W25P16 / NX25P16	YES	YES
W25X10	YES	YES
W25X20	YES	YES
W25X40	YES	YES
W25X80	YES	YES
W25X16	YES	YES
W25X32	YES	YES

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## BPM Microsystems, Inc.

5373 West Sam Houston Pkwy N, Suite 250  
Houston, Texas 77041 USA

Tel: (713) 688-4600  
(800) 225-2102 (US only)

Fax: 713-688-0920

Email: web@bpmicro.com

Web: www.bpmicro.com

Winbond spiFlash <sup>®</sup> Part Number	BP Microsystems
	2510,2600,2610,2700,2710,3510,3600,3610, ,4510,4600,4610, 3700MK2, 3710MK2, 3700MK2-M, 3710MK2-M, 4700, 4710, 4700-M, 4710-M, BP-XXXX
W25P10 / NX25P10	YES
W25P20 / NX25P20	YES
W25P40 / NX25P40	YES
W25P80 / NX25P80	YES
W25P16 / NX25P16	YES
W25X10	YES
W25X80	YES

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## Caprilion Enterprise Company

P. O. Box 461 Kaohsiung Taiwan R. O. C.

Tel: 886-7-386-5061

Fax: 886-7-386-4521

Email: sales@caprilion.com.tw or jfong@ms4.hinet.net

Web: www.caprilion.com.tw

Winbond spiFlash <sup>®</sup> Part Number	Caprilion Equipment	
	Prom8908F (Firmware Version 1.57)	UNIV2000A (Firmware Version 1.57)
W25B40 / NX25B40	NA	YES
W25B40A / NX25B40A	NA	NA
W25P10 / NX25P10	YES	YES
W25P20 / NX25P20	YES	YES
W25P40 / NX25P40	YES	YES
W25P80 / NX25P80	YES	YES
W25P16 / NX25P16	YES	YES
W25X20	NA	YES
W25X40	NA	YES
W25X80	NA	YES

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## **Conitec Datasystems GmbH**

### **Germany:**

Dieselstr. 11c 64807 Dieburg, Germany

Tel: +49 (6071) 9252-0

Fax: +49 (6071) 9252-33

### **USA:**

5000 Thorne Drive, Suite F, La Mesa, CA 91941

Tel: (619) 462-0515

Fax: (619) 462-0519

Email: [email@conitec.net](mailto:email@conitec.net)

Web: [www.conitec.com](http://www.conitec.com)

<b>Winbond spiFlash<sup>®</sup> Part Number</b>	<b>Conitec Datasystems GmbH</b>
	<b>GALEP 4</b> (Firmware Version 1.17.31)
W25B40 / NX25B40	YES
W25P10 / NX25P10	YES
W25P20 / NX25P20	YES
W25P40 / NX25P40	YES
W25P80 / NX25P80	YES
W25P16 / NX25P16	YES

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## Data I/O Corporation

6464 185<sup>th</sup> Avenue NE  
 Redmond, WA 98052 USA  
 Tel: (425) 881-6444 or (800) 426-1045  
 Fax: (425) 869-7423  
 Web: www.data-io.com

Winbond spiFlash <sup>®</sup> Part Number	Data-IO				
	PP100 PS200 PS300	3900 3980 3980XPI	Image writer – (300/200)	Dual Multisyte-serials Optma-serials UniSite-xpi	PM2500
W25B40 / NX25B40	NA	NA	YES	NA	NA
W25P10 / NX25P10	YES	NA	YES	YES	NA
W25P20 / NX25P20	YES	NA	YES	YES	NA
W25P40 / NX25P40	YES	NA	YES	YES	NA
W25P80 / NX25P80	NA	YES	YES	NA	YES
W25P16 / NX25P16	NA	NA	YES	YES	
W25X10	YES	YES	YES	YES	YES
W25X20	YES	YES	YES	YES	YES
W25X40	YES	YES	YES	YES	YES
W25X80	NA	YES	NA	YES	YES
W25X16	NA	NA	YES	NA	YES
W25X32	NA	NA	YES	NA	NA

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## Dataman Programmers Ltd.

Station Road Maiden Newton Dorset DT2 0AE United Kingdom

Tel: 44-0-1300-320719

Email: sales@dataman.com

Web: www.dataman.com

Winbond spiFlash <sup>®</sup> Part Number	Dataman Programmers Ltd.				
	40Pro	48Pro	48XP/UXP	448Pro	848/XP
W25B20 / NX25B20	YES	NA	YES	NA	NA
W25B40(A) / NX25B40(A)	YES	NA	YES	YES	YES
W25P10 / NX25P10	YES	YES	YES	YES	YES
W25P20 / NX25P20	YES	YES	YES	YES	YES
W25P40 / NX25P40	YES	YES	YES	YES	YES
W25P80 / NX25P80	YES	YES	YES	YES	NA
W25P16 / NX25P16	YES	YES	YES	NA	NA
W25D10*	NA	NA	YES	NA	NA
W25D20*	NA	NA	YES	NA	NA
W25D40*	NA	NA	YES	NA	NA
W25D80*	NA	NA	YES	NA	NA
W25X10	YES	YES	YES	YES	YES
W25X20	YES	YES	YES	YES	YES
W25X40	YES	YES	YES	YES	YES
W/25X80	YES	YES	YES	YES	YES
W25X16	YES	YES	YES	YES	YES
W25X32	YES	YES	YES	YES	YES

\* For W25D family product, please contact Winbond for details.

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## **Dediprog Technology**

4F-2, #16, Ging-Chou Street,  
Taipei, Taiwan

Tel: 886-2-6618-1320

Fax: 886-2-6618-1338

Email: sales@dediprog.com or support@dediprog.com

Web: www.dediprog.com

<b>Winbond spiFlash<sup>®</sup> Part Number</b>	<b>Dediprog Technology</b>		
	<b>SF100(+) Firmware Ver. 2.0.37</b>	<b>SF200(+) Firmware ver. 2.0.37</b>	<b>Power 5 Gang Firmware ver. 2.0.4</b>
W25B40 / NX25B40	YES	YES	YES
W25P10 / NX25P10	YES	YES	YES
W25P20 / NX25P20	YES	YES	YES
W25P40 / NX25P40	YES	YES	YES
W25P80 / NX25P80	YES	YES	YES
W25P16 / NX25P16	YES	YES	YES
W25P32 / NX25P32	YES	YES	YES
W25X10	YES	YES	YES
W25X20	YES	YES	YES
W25X40	YES	YES	YES
W25X80	YES	YES	YES
W25X16	YES	YES	YES

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## **EE Tools, Inc.**

4620 Fortran Dr. Ste 102  
San Jose, CA 95134 USA

Tel: (408)-263-2221

Fax: (408)-263-2230

Web: [www.eetools.com](http://www.eetools.com)

<b>Winbond spiFlash<sup>®</sup> Part Number</b>	<b>Electronic Engineering Tools, Inc.</b>	
	<b>MultiMax 16G (Firmware Version 1.8n)</b>	<b>TopMax, TopMax_II, UniMax (Firmware Version G-204)</b>
W25P10 / NX25P10	YES	YES
W25P20 / NX25P20	YES	YES
W25P40 / NX25P40	YES	YES

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## ELNEC spol. s r.o.

Jana Bottu 5  
 SK-08001 Presov  
 Slovak Republic  
 Tel: +421-51-7734328, 7731007  
 Fax: +421-51-7732797  
 Email: doval@elnec.sk (Business questions)  
 Web: www.elnec.sk

Winbond spiFlash <sup>®</sup> Part Number	ELNEC Equipment					
	T51Prog2	smartProg	MEMprog	MEMprogL	SEEprog	PIKprog2
W25B40(A) / NX25B40(A)	YES	YES	YES	YES	YES	YES
W25P10 / NX25P10	YES	YES	YES	YES	YES	YES
W25P20 / NX25P20	YES	YES	YES	YES	YES	YES
W25P40 / NX25P40	YES	YES	YES	YES	YES	YES
W25P80 / NX25P80	YES	YES	YES	YES	YES	YES
W25P16 / NX25P16	YES	YES	YES	YES	YES	YES
W25X10	YES	YES	YES	YES	YES	YES
W25X20	YES	YES	YES	YES	YES	YES
W25X40	YES	YES	YES	YES	YES	YES
W25X80	YES	YES	YES	YES	YES	YES
W25X16	YES	YES	YES	YES	YES	YES
W25X32	YES	YES	YES	YES	YES	YES

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## Hi-Lo System Research Co., Ltd.

4F, No.18, Lane 76, Rueiguang Rd., Neihu Dist.  
Taipei 11491, Taiwan

Tel: 886-2-8792-3301

Fax: 886-2-8792-3285

Email: hilosale@hilosystems.com.tw  
sales@hilosystems.com.tw  
(for overseas customers)

Web: www.hilosystems.com.tw

## Tribal Microsystems, Inc. (USA Distributor)

43917 Hugo Terrace, Ste#118  
Fremont, CA 94538

Tel: 510-623-8859

Fax: 510-870-2250

Email: sales@tribalmicro.com  
support@tribalmicro.com

Web: www.tribalmicro.com

Winbond spiFlash <sup>®</sup> Part Number	Hi-Lo system Equipment		
	ALL-11	GANG-08P2	ALL-100
W25B40A / NX25B40A	YES	NA	NA
W25B40 / NX25B40	YES	NA	YES
W25P10 / NX25P10	YES	NA	YES
W25P20 / NX25P20	YES	YES(NX25P20)	YES
W25P40 / NX25P40	YES	YES(NX25P40)	YES
W25P80 / NX25P80	YES	NA	YES
W25P16 / NX25P16	YES	NA	YES
W25X10	YES	YES	YES
W25X20	YES	YES	YES
W25X40	YES	YES	YES
W25X80	YES	YES	YES
W25X16	YES	NA	YES
W25X32	YES	NA	YES

**ALL-11 was phased out by 2005'Q3**

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## **ICE Technology Ltd. (USA)**

422 Peninsula Ave.  
San Mateo CA 94401 USA

Tel: 800-686-6428

Fax: 650-375-8666

Email: sales@icetech.com

Web: www.icetech.com

## **Farnell Electronic Components**

Canal Road Leeds, LS12 2TU England

Tel: +44 (0)113 263-6311

Fax: +44 (0)113 263-3411

Email: sales@farnell.com

Web: www.farnell.com

<b>Winbond spiFlash<sup>®</sup> Part Number</b>	<b>ICE Technology Ltd.</b>
	<b>Micromaster LV48 · Speedmaster SM48 · Speedmaster GLV32 (Firmware Version 2.0.0009)</b>
W25P10 / NX25P10	YES
W25P20 / NX25P20	YES
W25P40 / NX25P40	YES

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## **LEAP Electronic CO., LTD.**

6F-4, #4, Lane 609, SEC 5, Chung Hsin Rd.

San Chung City, Taipei Hsien, Taiwan, R. O. C.

Tel: 886-2-2999-1860

Web: [www.leap.com.tw](http://www.leap.com.tw)

<b>Winbond spiFlash<sup>®</sup> Part Number</b>	<b>Leap Equipment</b>	
	<b>SU-2000</b>	<b>Leaper-48</b>
W25X20	YES	YES
W25X40	YES	YES
W25X80	YES	YES
W25X16	YES	YES
W25X32	YES	YES

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## Minato Electronics Inc.

4105 Minami Yamada-cho Tsuzuki-ku  
Yokohama, 224-0026 Japan

Tel: 81-45-592-5549

Fax: 81-45-592-2854

Email: int-support@minato.co.jp

Web: www.minato.co.jp

Winbond spiFlash <sup>®</sup> Part Number	Minato Electronics Inc.			
	1881XP	1893/1931	1940	1894
W25B20/40 / NX25B20/40	YES	NA	NA	NA
W25D10*	YES	NA	NA	NA
W25D20*	YES	NA	NA	NA
W25D40*	YES	NA	NA	NA
W25D80*	YES	NA	NA	NA
W25P10 / NX25P10	YES	NA	NA	NA
W25P20 / NX25P20	YES	NA	NA	NA
W25P40 / NX25P40	YES	NA	YES	NA
W25P80 / NX25P80	YES	NA	YES	NA
W25P16 / NX25P16	YES	NA	YES	NA
W25P32 / NX25P32	YES	NA	NA	NA
W25X10	YES	NA	NA	NA
W25X20	YES	NA	NA	NA
W25X40	YES	NA	NA	NA
W25X80	YES	NA	YES	NA
W25X16	YES	NA	NA	NA
W25X32	YES	NA	NA	NA

\* For W25D family product, please contact Winbond for details.

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## Needham's Electronics

4630 Beloit Drive, Suite #20  
Sacramento, CA 95838 USA

Tel: (916) 924-8037

Fax: (916) 924-8065

Email: sales@needhams.com

Web: www.needhams.com

Winbond spiFlash <sup>®</sup> Part Number	Needham's Electronics			
	EMP-11 、EMP-21 、EMP-31 、EMP-300 (Firmware Version 1.6)			
W25P10 / NX25P10	YES	YES	YES	YES
W25P20 / NX25P20	YES	YES	YES	YES
W25P40 / NX25P40	YES	YES	YES	YES
W25P80 / NX25P80	YES	YES	YES	YES
W25P16 / NX25P16	YES	YES	YES	YES
W25X40	YES	YES	YES	YES
W25X80	YES	YES	YES	YES
W25X16	YES	YES	YES	YES

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## **Stag Programming Solutions Ltd.**

50 Hamstead House, 176 Finchley Road  
London NW3 6BT, United Kingdom

Tel: +44(0)208-099-7594

Fax: +44(0)208-201-7819

Email: sales@stag.co.uk or support@stag.co.uk

Web: www.stag.co.uk

<b>Winbond spiFlash<sup>®</sup> Part Number</b>	<b>Stag Programmers Ltd.</b>
	<b>P803</b>
W25P10 / NX25P10	YES
W25P20 / NX25P20	YES

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## System General Corp.

8F ,NO.205-3,Sec.3, Beishin Road, Shin Dian  
Taipei, Taiwan R. O. C.

Tel: 886-2-2917-3005 (rickey ext: 213)

Fax: 886-2-2911-1283

Email: info@sg.com.tw

Web: www.sg.com.tw

## System General Corp. USA

1623 South Main Street  
Milpitas, CA 95035, USA

Tel: 408-263-6667

Fax: 408-262-9220

Email: sales@systemgeneral.com

Web: www.systemgeneral.com

Winbond spiFlash <sup>®</sup> Part Number	System General				
	M-Apro	TurPro-848	Power Lab	T7000	T9600
W25B20 / NX25B20	NA	NA	NA	YES	YES
W25B40 / NX25B40	NA	NA	NA	NA	YES
W25D40*	NA	NA	NA	YES	YES
W25D80*	NA	NA	NA	YES	YES
W25P10 / NX25P10	NA	NA	NA	NA	YES
W25P20 / NX25P20	NA	NA	NA	NA	YES
W25P40 / NX25P40	NA	NA	NA	NA	YES
W25P80 / NX25P80	NA	NA	NA	YES	YES
W25P16 / NX25P16	NA	NA	NA	YES	YES
W25X10	NA	NA	NA	YES	YES
W25X20	NA	NA	NA	YES	YES
W25X40	NA	NA	NA	YES	YES
W25X80	NA	NA	NA	YES	YES
W25X16	NA	NA	NA	YES	YES
W25X32	NA	NA	NA	YES	YES

\* For W25D family product, please contact Winbond for details.

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**Xeltek Inc.**

1296 Kifer Rd. Suite #605  
 Sunnyvale, CA 94086 USA  
 Tel: 408-530-8080  
 Fax: 408-530-0096  
 Email: sales@xeltek.com or techsupport@xeltek.com  
 Web: www.xeltek.com

Winbond spiFlash <sup>®</sup> Part Number	Xeltek Inc.			
	Superpro 280U	Superpro 580U	Superpro 3000U	Superpro 9000U
W25B40(A) / NX25B40(A)	YES	YES	YES	YES
W25P10 / NX25P10	YES	YES	YES	YES
W25P20 / NX25P20	YES	YES	YES	YES
W25P40 / NX25P40	YES	YES	YES	YES
W25P80 / NX25P80	YES	YES	YES	YES
W25P16/ NX25P16	YES	YES	YES	YES
W25X10	YES	YES	YES	YES
W25X20	YES	YES	YES	YES
W25X40	YES	YES	YES	YES
W/25X80	YES	YES	YES	YES
W25X16	YES	YES	YES	YES
W25X32	YES	YES	YES	YES

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## REVISION HISTORY

REVISION	DATE	PAGE	DESCRIPTION
A	Feb 24, 2006	All	New Create
B	Mar 8, 2007	All	Updated format and support list
C	April 3, 2007	All	Updated contact info

## Trademarks

*Winbond* and *spiFlash* are trademarks of *Winbond Electronics Corporation*.  
All other marks are the property of their respective owners.



### Headquarters

No. 4, Creation Rd. III,  
Science-Based Industrial Park,  
Hsinchu, Taiwan  
TEL: 886-3-5770066  
FAX: 886-3-5665577  
<http://www.winbond.com.tw/>

### Taipei Office

9F, No.480, Rueiguang Rd.,  
Neihu District, Taipei, 114,  
Taiwan, R.O.C.  
TEL: 886-2-8177-7168  
FAX: 886-2-8751-3579

### Winbond Electronics Corporation America

2727 North First Street, San Jose,  
CA 95134, U.S.A.  
TEL: 1-408-9436666  
FAX: 1-408-5441798

### Winbond Electronics Corporation Japan

7F Daini-ueno BLDG, 3-7-18  
Shinyokohama Kohoku-ku,  
Yokohama, 222-0033  
TEL: 81-45-4781881  
FAX: 81-45-4781800

### Winbond Electronics (Shanghai) Ltd.

27F, 2299 Yan An W. Rd. Shanghai,  
200336 China  
TEL: 86-21-62365999  
FAX: 86-21-62365998

### Winbond Electronics (H.K.) Ltd.

Unit 9-15, 22F, Millennium City,  
No. 378 Kwun Tong Rd.,  
Kowloon, Hong Kong  
TEL: 852-27513100  
FAX: 852-27552064

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