Application Note-01



EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING

Winbond has established close engineering and marketing relationships with 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 programming support, those that are most widely used.

Approved List of Third Party Programming Support

Advantech Equipment Corp.	U. S. A. Office:
F15, #108-3, Ming-Chuan Road	Advantech
Shing-Tien City	1310 Tully Road, STE 115
Taipei, Taiwan R. O. C.	San Jose, CA 95122
Telephone: 886-2-2218-4567	Telephone: 408-293-6786
Fax: 886-2-2218-8747	Fax: 408-293-4697

Winbond	Advantech Equipment
Part #	Labtool-48
W27E257/W27C257	Released
W27E512/W27C512	Released
W27E010/W27C010	Released
W27E020/W27C020	Released
W27E040	Released
W29EE512	Released
W29EE011	Released
W29C011A	Released
W29C020	Released
W29C040	Released
W29C101	Released
W29C102	Released
W29F102	Released



BP Microsystems, Inc.

1000 N. Post Oak Road, #225 Houston, TX 77055-7237 USA Phone: (713) 688-2620 Fax: (713) 688-0920 Toll-free Phone: (800) 225-2102 BBS Number: (713) 688-9283 Corporate e-mail: sales@bpmicro.com URL: http://www.bpmicro.com

Winbond		BP Microsystems							
Part #	2200	2100	2000	1400	1200	1148	1140	1132	1128
W27E257/W27C257	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E512/W27C512	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E010/W27C010	Released	Released	Released	Released	Released	Released	Released	Released	NA
W27E020/W27C020	Released	Released	Released	Released	Released	Released	Released	Released	NA
W27E040	Released	Released	Released	Released	Released	Released	Released	Released	NA
W29EE512	Released	Released	Released	Released	Released	Released	Released	Released	NA
W29EE011	Released	Released	Released	Released	Released	Released	Released	Released	NA
W29C011A	Released	Released	Released	Released	Released	Released	Released	Released	NA
W29C020	Released	Released	Released	Released	Released	Released	Released	Released	NA
W29C040	Released	Released	Released	Released	Released	Released	Released	Released	NA
W29C101	Released	Released	Released	Released	Released	TBD	Released	NA	NA
W29C102	Released	Released	Released	Released	Released	TBD	Released	NA	NA
W29F102	TBD	TBD	TBD	TBD	TBD	TBD	TBD	NA	NA



Caprilion Enterprise Company

P. O. Box 461 Kaohsiung Taiwan R. O. C. Telephone: 886-7-386-5061 Fax: 886-7-386-4521

Winbond	Caprilion Enterprise						
Part #	Prom9401	Prom9801	Prom8908B	Prom8908D/E			
W27E257/W27C257	Released	Released	Released	Released			
W27E512/W27C512	Released	Released	Released	Released			
W27E010/W27C010	Released	Released	Released	Released			
W27E020/W27C020	TBD	Released	Released	Released			
W27E040	TBD	Released	Released	Released			
W29EE512	TBD	Released	Released	Released			
W29EE011	Released	Released	Released	Released			
W29C011A	TBD	Released	Released	Released			
W29C020	Released	Released	Released	Released			
W29C040	TBD	Released	Released	Released			
W29C101	TBD	Released	TBD	TBD			
W29C102	TBD	Released	TBD	TBD			
W29F102	TBD	TBD	TBD	TBD			



Data I/O Corporation

10525 Willows Road, N.E. Redmond, WA 98073-9746 Telephone: 206-867-6216 Fax: 206-882-1043 Email or BBS: 1-206-882-3211 Taiwan Agent SIGMA Equipment Corp. Hong Kong Agent

Tech Trend Engineering Ltd.

Telephone: 886-2-2999-3966 Fax: 886-2-2999-3977

Telephone: 852-2590-9911 Fax: 852-2590-9928

Winbond					Data I/0	O Model				
Part #	Promaster	2700	2900	3900	UniSite	Auto Site	PSX	ChipLab	Labsite	Chipwriter
W27E257/ W27C257	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E512/ W27C512	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E010/ W27C010	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E020/ W27C020	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
W27E040	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
W29EE512	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C011A	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C020	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C040	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
W29C101	Released	TBD	Released	Released	Released	Released	Released	TBD	TBD	TBD
W29C102	Released	TBD	Released	Released	Released	Released	Released	TBD	TBD	TBD
W29F102	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD



Dataman Programmers Ltd.

215 East Michigan Ave. Orange City, FL 32763 Telephone: 904-774-7785 Email: info@dataman.com WWW: http://www.dataman.com

Winbond	Datamar	ı
Part #	Dataman-48	Dataman S4
W27E257/W27C257	Released	Released
W27E512/W27C512	Released	Released
W27E010/W27C010	Released	Released
W27E020W27C020	Released	TBD
W27E040	TBD	Released
W29EE512	Released	Released
W29EE011	Released	Released
W29C011A	TBD	TBD
W29C020	Released	Released
W29C040	TBD	TBD
W29C101	TBD	TBD
W29C102	Released	TBD
W29F102	TBD	TBD

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Hi-Lo System Research Co., Ltd.

4E, #2, SEC 5, Ming Shen E. Rd. Taipei, Taiwan R. O. C. Telephone: 886-2-2764-0215 Fax: 886-2-2756-6403 U. S. A. Distributor Office Tribal Microsystems, Inc. 44388 S. Grmmer Blvd Fremont, CA 94538 Telephone: 510-623-8859 Fax: 510-623-9925

Winbond		Hi-Lo System Research Co.					
Part #	ALL-03A	ALL-07	ALL-11	GANG-08	SEP-81AE	SEP-84AE	
W27E257/ W27C257	Released	Released	Released	Released	Released	Released	
W27E512/ W27C512	Released	Released	Released	Released	Released	Released	
W27E010/ W27C010	Released	Released	Released	Released	Released	Released	
W27E020/ W27C020	TBD	Released	Released	TBD	TBD	TBD	
W27E040	Released	Released	Released	Released	TBD	TBD	
W29EE512	Released	Released	Released	Released	Released	Released	
W29EE011	Released	Released	Released	Released	Released	Released	
W29C011A	TBD	TBD	TBD	TBD	TBD	TBD	
W29C020	Released	Released	Released	Released	TBD	Released	
W29C040	Released	Released	Released	Released	TBD	TBD	
W29C101	Released	Released	Released	TBD	TBD	TBD	
W29C102	Released	Released	Released	TBD	TBD	TBD	
W29F102	TBD	TBD	Released	TBD	TBD	TBD	



Leap Electronic Co., Ltd.

6F-4, #4, Lane 609, SEC 5, Chung Hsin Rd. San Chung City, Taipei Hsien, Taiwan, R. O. C. Telephone: 886-2-2999-1860 Fax: 886-2-2999-0015

U. S. A. Distributor Office Arndt Electronics Co., Ltd.

Telephone: 415-592-8097 Fax: 415-592-2503

Winbond	Leap Electronic Co.					
Part #	Leaper 10	LP-U4	Leaper 3	SU-2000		
W27E257/W27C257	Released	Released	TBD	Released		
W27E512/W27C512	Released	Released	TBD	Released		
W27E010/W27C010	Released	Released	TBD	Released		
W27E020/W27C020	Released	TBD	TBD	Released		
W27E040	Released	Released	TBD	Released		
W29EE512	Released	Released	Released	Released		
W29EE011	Released	Released	Released	Released		
W29C011A	Released	Released	TBD	Released		
W29C020	Released	Released	TBD	Released		
W29C040	Released	Released	TBD	Released		
W29C101	Released	Released	TBD	TBD		
W29C102	Released	TBD	TBD	TBD		
W29F102	TBD	TBD	TBD	TBD		



Logical Devices, Inc.

1221 S. Clarkson, Suite 200 Denver, CO 80210 USA Phone: (303) 722-6868 Fax: (303) 733-6868 Toll-free Phone: (800) 331-7766/315-7766 BBS Number: (305) 428-8014 Corporate e-mail: logdev@logicaldevices.com URL: http://www.logicaldevices.com

Winbond	Logical Devices
Part #	Allpro 96
W27E257/W27C257	Released
W27E512/W27C512	Released
W27E010/W27C010	TBD
W27E020/W27C020	TBD
W27E040	TBD
W29EE512	Released
W29EE011	Released
W29C011A	TBD
W29C020	Released
W29C040	TBD
W29C101	TBD
W29C102	TBD
W29F102	TBD



Minato Electronics Inc.

4105, Minami Yamada-cho Tsuzuki-ku, Yokohama, 224-0026 Japan Phone: (81) 45-592-5549 Fax: (81) 45-592-2854 Corporate e-mail: nagasaki@minato.co.jp

Winbond	Minato				
Part #	1930	1891/92	1890A		
W27E257/W27C257	Released	TBD	TBD		
W27E512/W27C512	Released	TBD	TBD		
W27E010/W27C010	Released	TBD	TBD		
W27E020/W27C020	Released	TBD	TBD		
W27E040	Released	TBD	TBD		
W29EE512	Released	Released	Released		
W29EE011	Released	Released	Released		
W29C011A	Released	Released	Released		
W29C020	Released	Released	Released		
W29C040	Released	Released	Released		
W29C101	Released	Released	Released		
W29C102	Released	Released	Released		
W29F102	Released	Released	Released		



Needham's Electronics

4630 Beloit Drive, Suite 20 Sacramento, CA 95838 USA Phone: (916) 924-8037 Fax: (916) 924-8065 BBS Number: (916) 924-8094 Technical Support: (916) 924-8037 Corporate e-mail: info@needhams.com URL: http://www.needhams.com

Winbond	Needham's Elect	ronics Inc.
Part #	EMP-20	EMP-30
W27E257/W27C257	Released	Released
W27E512/W27C512	Released	Released
W27E010/W27C010	TBD	TBD
W27E020/W27C020	TBD	TBD
W27E040	TBD	Released
W29EE512	Released	Released
W29EE011	Released	Released
W29C011A	TBD	TBD
W29C020	Released	Released
W29C040	Released	Released
W29C101	Released	Released
W29C102	Released	TBD
W29F102	Released	TBD



SMS Mikrocomputer Systeme GmbH

Im Grund 15 Wangen, D-88239 GERMANY Phone: (49) 7522-9728-0 Fax: (49) 7522-9728-50 Toll-free Phone: (800) 632-2776 in USA BBS Number: (49) 7522-9728-88 Technical Support: (49) 7522-9728-28 Corporate e-mail: info@sms-sprint.com URL: http://www.sms-sprint.com

Winbond	SMS-SPRI	INT
Part #	PLUS 48	OPTIMA
W27E257/W27C257	Released	Released
W27E512/W27C257	Released	Released
W27E010/W27C010	Released	Released
W27E020/W27C020	TBD	TBD
W27E040	Released	Released
W29EE512	Released	Released
W29EE011	Released	Released
W29C011A	TBD	TBD
W29C020	Released	Released
W29C040	TBD	TBD
W29C101	TBD	TBD
W29C102	TBD TBD	
W29F102	TBD	TBD



Stag Programmers Ltd.

Silver Court, Watchmead Welwyn Garden City, Herts AL7 1LT England Phone: (44) 1-707-332148 Fax: (44) 1-707-371503 Corporate e-mail: sales@stagprog.demon.co.uk URL: http://www.stag.co.uk

Winbond	STAG				
Part #	Eclipse	P803	P801	P301	
W27E257/W27C257	Released	Released	Released	Released	
W27E512/W27C512	Released	Released	Released	Released	
W27E010/W27C010	Released	Released Released		Released	
W27E020/W27C020	TBD	D TBD TBD		TBD	
W27E040	TBD	TBD TBD TBD		TBD	
W29EE512	TBD	3D TBD TBD		TBD	
W29EE011	Released	eased Released Released		Released	
W29C011A	TBD	TBD TBD		TBD	
W29C101	TBD	TBD TBD		TBD	
W29C102	TBD	Released TBD		TBD	
W29C020	Released	Released Released		TBD	
W29C040	Released	Released Released T		TBD	
W29F102	TBD	TBD TBD TI		TBD	



System General Corp. / USA

3F, No. 1, Alley 8, Lane 45 Bao Shing Road, Shin Dian Taipei, Taiwan R. O. C. Telephone: 886-2-2917-3005 Fax: 886-2-2911-1283

System General Corp.

1603A South Main Street Milpitas, CA95035 Telephone: 408-263-6667 Telephone: 1-800-967-4776 Fax: 408-262-9220

Winbond	System General							
Part #	Apro	M-Apro	TurPro- 832	TurPro- 840	TurPro- 848	TurPro-1	TurPro- 1/FX	TurPro- 1/TX
W27E257/ W27C257	Released	Released	Released	Released	Released	Released	Released	Released
W27E512/ W27C512	Released	Released	Released	Released	Released	Released	Released	Released
W27E010/ W27C010	Released	TBD	Released	Released	Released	Released	Released	Released
W27E020/ W27C020	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD
W27E040	TBD	TBD	TBD	TBD	TBD	Released	Released	Released
W29EE512	TBD	Released	Released	Released	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released	Released	Released	Released	Released
W29C011A	TBD	Released	TBD	Released	Released	Released	Released	Released
W29C020	TBD	Released	Released	Released	Released	Released	Released	Released
W29C040	TBD	TBD	Released	Released	Released	Released	Released	Released
W29C101	TBD	Released	TBD	TBD	Released	Released	Released	Released
W29C102	TBD	Released	TBD	TBD	Released	Released	Released	Released
W29F102	TBD	TBD	TBD	TBD	TBD	TBD	TBD	TBD



VERSION HISTORY

VERSION	DATE	PAGE	DESCRIPTION	
A1	Jun. 1997		Initial Issued	
A2 Nov. 1997		2	Add Data I/O Model data	
		3	Add System General data	
		4	Add Advantech Equipment data	
		4	Add Caprilion Enterprise data	
		5	Add Leap Electronic Co. data	
		6	Add Hi-Lo System Research Co. data	
A3	Apr. 1998	3	Add System General data	
		5	Add Leap Electronic Co. data	
		6	Add Hi-Lo System Research Co. data	
		7	Add Needham's Electronics Inc. data	
A4	Oct. 1998	8	Add BP Microsystems data	
		9	Add Dataman Programmers Ltd. data	
		10	Add Logical Devices	
		11	Add SMS-SRIINT	
		12	Add Stag Programmers Inc. data	
		13	Add Minato	
		5	Delete Sunshine Electronics Co.	
		6	Delete Tribal Microsystems	
A5	Jan. 1999	1-13	Combine W27C257 with W27E257, W27C512 with W27E512, W27C010 with W27E010, W27C020 with W27E020.	
		1-13	Temporary remove W27E400, W27E4096, and W29C010M from the programming support list.	
		1-13	Alphabetize the programmer support list.	





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11F, No. 115, Sec. 3, Min-Sheng East Rd., Taipei, Taiwan TEL: 886-2-27190505 FAX: 886-2-27197502

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Note: All data and specifications are subject to change without notice.

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