

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.

F15, #108-3, Ming-Chuan Road
Shing-Tien City
Taipei, Taiwan R. O. C.
Telephone: 886-2-2218-4567
Fax: 886-2-2218-8747

U. S. A. Office:

Advantech
1310 Tully Road, STE 115
San Jose, CA 95122
Telephone: 408-293-6786
Fax: 408-293-4697

Winbond Part #	Advantech Equipment		
	Labtool-48	Labtool-848	Labtool-148C
W27E257/W27C257	Released	Released	Released
W27E512/W27C512	Released	Released	Released
W27E010/W27C010	Released	Released	Released
W27E020/W27C020(M)	Released	Released	Released
W27E040	Released	Released	Released
W29EE512	Released	Released	Released
W29EE011	Released	Released	Released
W29C011A	Released	Released	Released
W29C020(C)	Released	Released	Released
W29C040	Released	Released	Released
W29C101	Released	Released	Released
W29C102	Released	Released	Released
W29F102	Released	NA	NA
W49F002U	Released	Released	Released
W49L102	NA	NA	NA
W27L010	Released	NA	NA
W27C4096	Released	Released	Released
W49V002	Released	Released	Released
W49V002F	Released	Released	Released
W49F020	NA	NA	NA

BMI Part #	Advantech Equipment		
	Labtool-48	Labtool-848	Labtool-148C
BM29F040	Released	NA	NA
BM29F400	Released	Released	Released

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Advin Systems Inc.

1050-L E. Duane Avenue
Sunnyvale, CA 94086 USA
Telephone: (408) 243-7000
Fax: (408) 763-2503
URL: <http://www.advin.com>
Email: sales@advin.com

Taiwan Distributor

Richtec Instruments Co.
1F No. 8, Lane 21
Wen-Hwa Rd, Hsien-Tien City
Taipei Hsien, Taiwan, R.O.C.
Phone: (886) 2-2918-1107
Fax: (886) 2-2918-9328

Other International Distributors

Please visit our web site at:
<http://www.advin.com>

Winbond Part #	Advin Model									
	U128+	U84+	U44+	MVP	U84	U40	146	145	932	832
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(M)	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E040	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E4096/ W27C4096	Released	Released	Released	Released	Released	Released	Released	NA	NA	NA
W27L010	Released	Released	Released	Released	NA	NA	Released	NA	NA	NA
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(C)	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C040	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C101	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C102	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29F102	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49F002U	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49L102	Released	Released	Released	Released	NA	NA	Released	NA	Released	NA
W49V002	Released	Released	Released	Released	NA	NA	Released	NA	NA	NA
W49V002F	Released	Released	Released	Released	NA	NA	Released	NA	NA	NA
W49F020	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA

BMI Part #	Advin Model									
	U128+	U84+	U44+	MVP	U84	U40	146	145	932	832
BM29F040	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
BM29F400	Released	Released	Released	Released	Released	Released	Released	NA	Released	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Ando Electric Co., Ltd.

19-7, Kamata 4-chome, Ota-ku,

Tokyo, 144-0052 Japan

Phone: (03) 3733-1151

Fax: (03) 3739-7310

Corporate e-mail: www@tk.ando.co.jp

URL: <http://www.ando.co.jp>

Winbond Part #	Ando Electric Co., Ltd.		
	AF9708	AF9709	AF9723
W27E257/W27C257	NA	NA	NA
W27E512/W27C512	NA	NA	NA
W27E010/W27C010	NA	NA	NA
W27E020/W27C020(M)	NA	NA	NA
W27E040	NA	NA	NA
W27E4096/W27C4096	NA	NA	NA
W27L010	NA	NA	NA
W29EE512	Released	Released	Released
W29EE011	Released	Released	Released
W29C011A	NA	NA	NA
W29C020(C)	Released	Released	Released
W29C040	Released	Released	Released
W29C101	Released	Released	Released
W29C102	Released	Released	Released
W29F102	NA	NA	NA
W49F002U	NA	NA	NA
W49L102	NA	NA	NA
W49V002	NA	NA	NA
W49V002A	NA	NA	NA
W49F020	NA	NA	NA

BMI Part #	Ando Electric Co., Ltd.		
	AF9708	AF9709	AF9723
BM29F040	Released	Released	Released
BM29F400	NA	Released	Released

Publication Release Date: November 9, 2001

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EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Part #	BP Microsystems										
	1128	1148	1200	1400	1600	2000	2100	2200	2500	2510	2600
W27E257/ W27C257	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E512/ W27C512	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E010/ W27C010	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E020/ W27C020(M)	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E040	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E4096/ W27C4096	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27L010	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29EE512	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29EE011	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C011A	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C020(C)	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C040	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C101	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C102	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29F102	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49F002U	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49L102	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49V002	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49V002A	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49F020	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released

BMI Part #	BP MICROSYSTEMS										
	1128	1148	1200	1400	1600	2000	2100	2200	2500	2510	2600
BM29F040	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
BM29F400	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released

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Winbond Part #	BP Microsystems										
	3100	3500	3510	3600	4100	4500	4510	4600	1140	1132	
W27E257/ W27C257	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E512/ W27C512	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E010/ W27C010	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E020/ W27C020(M)	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E040	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E4096/ W27C4096	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA
W27L010	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
W29EE512	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C011A	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C020(C)	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C040	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W29C101	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
W29C102	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
W29F102	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
W49F002U	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W49L102	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
W49V002	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
W49V002F	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
W49F020	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA

BMI Part #	BP MICROSYSTEMS										
	3100	3500	3510	3600	4100	4500	4510	4600	1140	1132	
BM29F040	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA
BM29F400	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	NA

Publication Release Date: November 9, 2001

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Caprilion Enterprise Company

P. O. Box 461 Kaohsiung

Taiwan R. O. C.

Telephone: 886-7-386-5061

Fax: 886-7-386-4521

Winbond Part #	Caprilion Enterprise			
	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(M)	NA	Released	Released	Released
W27E040	NA	Released	Released	Released
W27E4096/W27C4096	NA	Released	NA	NA
W27L010	NA	NA	NA	Released
W29EE512	NA	Released	Released	Released
W29EE011	Released	Released	Released	Released
W29C011A	NA	Released	Released	Released
W29C020(C)	Released	Released	Released	Released
W29C040	NA	Released	Released	Released
W29C101	NA	Released	NA	NA
W29C102	NA	Released	NA	NA
W29F102	NA	NA	NA	NA
W49F002U	NA	NA	NA	Released
W49L102	NA	NA	NA	NA
W49V002	NA	NA	NA	Released
W49V002F	NA	NA	NA	Released
W49F020	NA	NA	NA	NA

BMI Part #	Caprilion Enterprise			
	Prom9401	Prom9801	Prom8908B	Prom8908D/E
BM29F040	NA	NA	NA	Released
BM29F400	NA	NA	NA	Released

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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.

Telephone: 886-2-2999-3966

Fax: 886-2-2999-3977

Hong Kong Agent

Tech Trend Engineering Ltd.

Telephone: 852-2590-9911

Fax: 852-2590-9928

Winbond Part #	Data I/O Model											
	LabSite	ChipLab	2700	UniSite	2900	PP100	Plus48	PM2500	PM3000	PM7000	PM7500	PM9500
W27E257/ W27C257	NA	NA	Released	NA	Released	NA	NA	NA	NA	Released	Released	NA
W27E512/ W27C512	NA	NA	NA	NA	Released	NA	NA	Released	NA	NA	NA	Released
W27E010/ W27C010	NA	NA	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E020/ W27C020(M)	NA	NA	NA	NA	NA	Released	Released	Released	Released	Released	Released	NA
W27E040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W27E4096/ W27C4096	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W27L010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W29EE512	Released	Released	NA	NA	NA	Released	NA	NA	NA	NA	NA	Released
W29EE011	Released	Released	NA	NA	NA	Released	NA	NA	NA	NA	NA	Released
W29C011A	NA	NA	NA	NA	NA	Released	Released	NA	NA	NA	NA	NA
W29C020(C)	Released	Released	Released	NA	NA	NA	NA	NA	NA	NA	NA	Released
W29C040	NA	NA	NA	Released	NA	NA	Released	NA	NA	NA	NA	NA
W29C101	NA	NA	NA	NA	Released	NA	NA	Released	Released	Released	Released	Released
W29C102	NA	NA	NA	NA	Released	NA	NA	Released	Released	Released	Released	Released
W29F102	NA	NA	NA	NA	Released	NA	NA	Released	Released	Released	Released	Released
W49F002U	NA	NA	NA	Released	Released	NA	NA	NA	NA	NA	NA	NA
W49L102	NA	NA	NA	NA	NA	NA	Released	NA	NA	NA	NA	NA
W49V002	NA	NA	NA	NA	NA	Released	NA	NA	NA	NA	NA	NA
W49V002F	NA	NA	NA	NA	NA	Released	NA	NA	NA	NA	NA	NA
W49F020	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

BMI Part #	Data I/O Model											
	LabSite	ChipLab	2700	UniSite	2900	PP100	Plus48	PM2500	PM3000	PM7000	PM7500	PM9500
BM29F040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BM29F400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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Winbond Part #	Data I/O Model											
	Optima	Optima Light	Dual	Quad	Octal	Chipwriter gang	Auto Site	Chipwriter	Chipwriter Portable	3900/3980/3980xpi	Psx400	PSX500/1000
W27E257/ W27C257	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released
W27E512/ W27C512	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	Released
W27E010/ W27C010	Released	Released	Released	Released	Released	Released	Released	Released	Released	Released	NA	Released
W27E020/ W27C020(M)	NA	NA	Released	NA	Released	Released	Released	Released	Released	NA	NA	NA
W27E040	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W27E4096/ W27C4096	Released	Released	Released	Released	Released	NA	Released	Released	Released	NA	NA	NA
W27L010	NA	NA	NA	NA	NA	Released	NA	Released	Released	NA	NA	NA
W29EE512	Released	Released	Released	Released	Released	NA	NA	Released	Released	NA	Released	Released
W29EE011	Released	Released	Released	Released	Released	NA	NA	NA	NA	NA	Released	Released
W29C011A	NA	NA	Released	Released	Released	NA	NA	Released	Released	NA	NA	Released
W29C020(C)	Released	Released	Released	Released	Released	Released	NA	Released	Released	NA	Released	Released
W29C040	Released	Released	Released	Released	Released	Released	NA	Released	Released	NA	NA	NA
W29C101	NA	NA	NA	NA	NA	NA	NA	NA	NA	Released	Released	Released
W29C102	NA	NA	NA	NA	NA	NA	NA	NA	NA	Released	Released	Released
W29F102	Released	Released	Released	NA	NA	NA	NA	NA	Released	Released	NA	Released
W49F002U	NA	NA	NA	NA	Released	NA	NA	Released	Released	Released	NA	NA
W49L102	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
W49V002	Released	Released	Released	Released	Released	NA	Released	NA	NA	NA	NA	NA
W49V002F	Released	Released	Released	Released	Released	NA	NA	NA	NA	NA	NA	NA
W49F020	NA	NA	Released	NA	NA	Released	NA	Released	Released	NA	NA	NA

BMI Part #	Data I/O Model											
	Optima	Optima Light	Dual	Quad	Octal	Chipwriter gang	Auto Site	Chipwriter	Chipwriter Portable	3900/3980/3980xpi	Psx400	PSX500/1000
BM29F040	Released	Released	Released	Released	Released	NA	NA	NA	NA	NA	NA	NA
BM29F400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Part #	Dataman		
	Dataman-48	Dataman S4	Dataman 848
W27E257/W27C257	Released	Released	Released
W27E512/W27C512	Released	Released	Released
W27E010/W27C010	Released	Released	Released
W27E020/W27C020(M)	Released	Released	Released
W27E040	Released	Released	Released
W27E4096/W27C4096	Released	Released	Released
W27L010	Released	Released	NA
W29EE512	Released	Released	Released
W29EE011	Released	Released	Released
W29C011A	Released	NA	Released
W29C020(C)	Released	Released	Released
W29C040	Released	Released	Released
W29C101	Released	NA	Released
W29C102	Released	NA	Released
W29F102	Released	NA	NA
W49F002U	Released	Released	Released
W49L102	NA	NA	NA
W49V002	Released	NA	Released
W49V002F	Released	NA	Released
W49F020	NA	NA	NA

BMI Part #	Dataman		
	Dataman-48	Dataman S4	Dataman 848
BM29F040	Released	Released	NA
BM29F400	Released	NA	Released

Publication Release Date: November 9, 2001

Revision A8

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



ELNEC spol. s.r.o.

Office address:

Petrovanska 36, Presov, Slovakia

Mail address:

Post 5, P.O. Box 22,

SK-080 05 Presov, Slovakia

Tel.: 421-91-7734328, 7731007

Fax: 421-91-7732797

jpuobis@elnec.sk Technical questions

elnec@elnec.sk Orders, administration

doval@elnec.sk Bussines questions

URL: <http://www.elnec.sk>

Winbond Part #	ELNEC			
	JetProg(DIL48)	LabProg+	LABPROG-48LV	PREPROM-02aLV
W27E257/W27C257	Released	Released	Released	Released
W27E512/W27C512	Released	Released	Released	Released
W27E010/W27C010	Released	Released	Released	Released
W27E020/W27C020(M)	Released	Released	Released	Released
W27E040	Released	Released	Released	Released
W27E4096/W27C/4096	NA	NA	NA	NA
W27L010	NA	NA	NA	NA
W29EE512	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released
W29C011A	Released	Released	Released	Released
W29C020(C)	Released	Released	Released	Released
W29C040	Released	Released	Released	Released
W29C101	Released	Released	Released	NA
W29C102	Released	Released	Released	Released
W29F102	NA	NA	NA	NA
W49F002U	Released	Released	Released	Released
W49L102	NA	NA	NA	NA
W49V002	NA	NA	NA	NA
W49V002F	NA	NA	NA	NA
W49F020	NA	NA	NA	NA

BMI Part #	ELNEC			
	JetProg(DIL48)	LabProg+	LABPROG-48LV	PREPROM-02aLV
BM29F040	Released	NA	Released	NA
BM29F400	Released	NA	Released	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Part #	Hi-Lo System Research Co.				
	ALL-03A	ALL-07	ALL-11	GANG-08P2	201/204/208
W27E257/W27C257	Released	Released	Released	Released	Released
W27E512/W27C512	Released	Released	Released	Released	Released
W27E010/W27C010	Released	Released	Released	Released	Released
W27E020/W27C020(M)	NA	Released	Released	Released	Released
W27E040	Released	Released	Released	Released	Released
W27E4096/W27C4096	NA	NA	Released	Released	NA
W27L010	NA	NA	Released	Released	Released
W29EE512	Released	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released	Released
W29C011A	NA	Released	Released	Released	Released
W29C020(C)	Released	Released	Released	Released	Released
W29C040	Released	Released	Released	Released	Released
W29C101	Released	Released	Released	NA	NA
W29C102	Released	Released	Released	Released	NA
W29F102	NA	Released	Released	Released	Released
W49F002U	NA	Released	Released	Released	Released
W49L102	NA	NA	Released	Released	NA
W49V002	NA	NA	Released	Released	Released
W49V002F	NA	NA	Released	Released	Released
W49F020	NA	NA	Released	Released	NA

BMI Part #	Hi-Lo System Research Co.				
	ALL-03A	ALL-07	ALL-11	GANG-08P2	201/204/208
BM29F040	NA	Released	Released	Released	NA
BM29F400	NA	Released	Released	NA	NA

Publication Release Date: November 9, 2001

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



ICE Technology Ltd.

Unit 4, Penistone Court, Sheffield Rd.
Penistone, Sheffield, S36 HP Unite Kingdom
Telephone: (44) 1-226-767404
Fax: (44) 1-226-370434
Corporate e-mail: sales@icetech.com
URL: <http://www.icetech.com>

ICE Technology Inc.

5370 Gulf of Mexico Drive
Suite 204B, Longboat Key. FL 34228
Telephone: (941) 387 8166
Fax: (941) 387 9305
Email: icetechusa@icetech.com

Winbond Part #	ICE Model					
	Matrix Universal	Matrix EP	EPMaster LV	Speedmaster 1000+/LV	Micromaster 1000+/LV	Speedmaster GLV32
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(M)	Released	Released	Released	Released	Released	Released
W27E040	Released	Released	Released	Released	Released	Released
W27E4096/ W27C4096	Released	Released	NA	Released	Released	NA
W27L010	Released	Released	Released	NA	NA	Released
W29EE512	Released	Released	Released	Released	Released	NA
W29EE011	Released	Released	Released	Released	Released	NA
W29C011A	Released	Released	Released	Released	Released	NA
W29C020(C)	Released	Released	Released	Released	Released	Released
W29C040	Released	Released	Released	Released	Released	Released
W29C101	Released	Released	Released	Released	Released	NA
W29C102	Released	Released	Released	Released	Released	NA
W29F102	Released	Released	Released	Released	Released	NA
W49F002U	Released	Released	Released	Released	Released	NA
W49L102	Released	Released	Released	Released	Released	NA
W49V002	NA	NA	NA	NA	NA	NA
W49V002F	Released	Released	NA	NA	NA	NA
W49F020	Released	Released	Released	Released	NA	Released

BMI Part #	ICE Model					
	Matrix Universal	Matrix EP	EPMaster LV	Speedmaster 1000+/LV	Micromaster 1000+/LV	Speedmaster GLV32
BM29F040	Released	Released	Released	Released	Released	NA
BM39F400	Released	Released	Released	Released	Released	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

Winbond Part #	ICE Model					
	LV40 Portable	EPMaster rLV48	Speedmaster LV48	Micromaster LV48	Speedmaster LV	Micromaster LV
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(M)	Released	Released	Released	Released	Released	Released
W27E040	Released	Released	Released	Released	NA	NA
W27E4096/ W27C4096	NA	NA	NA	NA	Released	Released
W27L010	Released	Released	Released	Released	Released	Released
W29EE512	Released	Released	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released	Released	Released
W29C011A	Released	Released	Released	Released	Released	Released
W29C020(C)	Released	Released	Released	Released	Released	Released
W29C040	Released	Released	Released	Released	Released	Released
W29C101	Released	Released	Released	Released	Released	Released
W29C102	Released	Released	Released	Released	Released	Released
W29F102	Released	Released	Released	Released	Released	Released
W49F002U	Released	Released	Released	Released	Released	Released
W49L102	Released	Released	Released	Released	Released	Released
W49V002	NA	NA	NA	NA	NA	NA
W49V002F	NA	Released	Released	Released	NA	NA
W49F020	Released	Released	Released	Released	Released	Released

BMI Part #	ICE Model					
	LV40 Portable	EPMaster LV48	Speedmaster LV48	Micromaster LV48	Speedmaster LV	Micromaster LV
BM29F040	Released	Released	Released	Released	Released	Released
BM29F400	Released	Released	Released	Released	Released	Released

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EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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

U. S. A. Distributor Office

Arndt Electronics Co., Ltd.
Telephone: 415-592-8097

Winbond Part #	Leap Electronic Co.			
	Leaper 10	Leaper 3	SU-2000	CS-84/CS-48
W27E257/W27C257	Released	NA	Released	Released
W27E512/W27C512	Released	NA	Released	Released
W27E010/W27C010	Released	NA	Released	Released
W27E020/W27C020(M)	Released	NA	Released	Released
W27E040	Released	NA	Released	Released
W27E4096/W27C4096	NA	NA	NA	NA
W27L010	NA	NA	NA	Released
W29EE512	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released
W29C011A	NA	NA	Released	Released
W29C020(C)	Released	NA	Released	Released
W29C040	Released	NA	Released	Released
W29C101	Released	NA	NA	Released
W29C102	Released	NA	NA	Released
W29F102	NA	NA	NA	Released
W49F002U	Released	NA	Released	Released
W49L102	NA	NA	NA	NA
W49V002	NA	NA	NA	NA
W49V002F	NA	NA	NA	NA
W49F020	NA	NA	NA	NA

Winbond Part #	Leap Electronic Co.			
	Leaper 10	Leaper 3	SU-2000	CS-84/CS-48
BM29F040	Released	NA	Released	Released
BM29F400	Released	NA	NA	Released

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Part #	Logical Devices		
	Allprolc	Chipmast6000	Chipmast 7000
W27E257/W27C257	Released	Released	Released
W27E512/W27C512	Released	Released	Released
W27E010/W27C010	Released	Released	Released
W27E020/W27C020(M)	Released	Released	Released
W27E040	Released	Released	Released
W27E4096/W27C4096	Released	Released	Released
W27L010	NA	Released	NA
W29EE512	Released	Released	Released
W29EE011	Released	Released	Released
W29C011A	Released	Released	NA
W29C020(C)	Released	Released	Released
W29C040	Released	Released	Released
W29C101	Released	Released	Released
W29C102	Released	Released	NA
W29F102	Released	Released	Released
W49F002U	Released	Released	NA
W49L102	NA	NA	NA
W49V002	Released	Released	NA
W49V002F	Released	Released	NA
W49F020	NA	NA	NA

BMI Part #	Logical Devices		
	Allprolc	Chipmast6000	Chipmast 7000
BM29F040	Released	Released	Released
BM29F400	Released	Released	Released

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EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Part #	Minato				
	1881	1890A	1891/92	1893/19301931	1940
W27E257/W27C257	Released	Released	Released	Released	Released
W27E512/W27C512	Released	Released	Released	Released	Released
W27E010/W27C010	Released	Released	Released	Released	Released
W27E020/W27C020(M)	Released	Released	Released	Released	Released
W27E040	Released	Released	Released	Released	Released
W27E4096/W27C4096	Released	Released	Released	Released	NA
W27L010	Released	Released	Released	Released	NA
W29EE512	Released	Released	Released	Released	Released
W29EE011	Released	Released	Released	Released	Released
W29C011A	Released	Released	Released	Released	NA
W29C020(C)	Released	Released	Released	Released	Released
W29C040	Released	Released	Released	Released	Released
W29C101	Released	Released	Released	Released	NA
W29C102	Released	Released	Released	Released	Released
W29F102	Released	Released	Released	Released	Released
W49F002U	Released	NA	NA	Released	Released
W49L102	NA	NA	NA	NA	Released
W49V002	Released	NA	NA	Released	Released
W49V002F	Released	NA	NA	Released	Released
W49F020	NA	NA	NA	Released	NA

BMI Part #	Minato				
	1881	1890A	1891/92	1893/19301931	1940
BM29F040	Released	Released	Released	Released	NA
BM29F400	Released	Released	Released	Released	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Part #	Needham's Electronics Inc.			
	EMP-10	EMP-11	EMP-20	EMP-30
W27E257/W27C257	NA	Released	Released	Released
W27E512/W27C512	NA	Released	Released	Released
W27E010/W27C010	NA	Released	Released	Released
W27E020/W27C020(M)	NA	Released	Released	Released
W27E040	NA	Released	Released	Released
W27E4096/W27C4096	NA	NA	NA	Released
W27L010	NA	Released	NA	Released
W29EE512	Released	NA	Released	NA
W29EE011	Released	Released	Released	Released
W29C011A	NA	NA	NA	NA
W29C020(C)	Released	Released	Released	Released
W29C040	Released	Released	Released	Released
W29C101	NA	NA	Released	NA
W29C102	NA	NA	Released	NA
W29F102	NA	NA	Released	NA
W49F002U	NA	Released	NA	Released
W49L102	NA	NA	NA	NA
W49V002	NA	NA	NA	Released
W49V002F	NA	NA	NA	Released
W49F020	NA	Released	NA	Released

BMI Part #	Needham's Electronics Inc.			
	EMP-10	EMP-11	EMP-20	EMP-30
BM29F040	NA	NA	NA	NA
BM29F400	NA	NA	NA	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Part #	STAG						
	Eclipse	P301	P401	P801	Quasar Plus	P803	Qrbit 48
W27E257/W27C257	Released	Released	Released	Released	Released	Released	Released
W27E512/W27C512	Released	Released	Released	Released	Released	Released	Released
W27E010/W27C010	Released	Released	Released	Released	Released	Released	Released
W27E020/W27C020(M)	NA	NA	NA	Released	Released	Released	NA
W27E040	NA	NA	NA	Released	Released	Released	NA
W27E4096/W27C4096	NA	NA	NA	Released	Released	Released	NA
W27L010	NA	NA	NA	NA	Released	NA	NA
W29EE512	NA	NA	NA	Released	Released	Released	NA
W29EE011	Released	NA	Released	Released	Released	Released	Released
W29C011A	Released	NA	Released	Released	Released	Released	NA
W29C101	NA	NA	NA	NA	Released	NA	NA
W29C102	NA	NA	NA	Released	Released	Released	NA
W29C020(C)	Released	NA	Released	Released	Released	Released	NA
W29C040	Released	NA	Released	Released	Released	Released	NA
W29F102	NA	NA	NA	NA	Released	NA	NA
W49F002U	NA	NA	NA	Released	Released	Released	NA
W49L102	NA	NA	NA	Released	Released	Released	NA
W49V002	Released	NA	NA	Released	Released	Released	NA
W49V002F	NA	NA	NA	NA	Released	Released	NA
W49F020	NA	NA	NA	NA	Released	NA	NA

BMI Part #	STAG						
	Eclipse	P301	P401	P801	Quasar Plus	P803	Qrbit 48
BM29F040	NA	NA	NA	Released	Released	Released	NA
BM29F400	Released	NA	NA	Released	Released	Released	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



System General Corp.

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. / USA

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

Winbond Part #	System General						
	Apro	M-Apro	TurPro-832	TurPro-840	TurPro-848	TurPro-1	TurPro-1/FX(1/TX)
W27E257/ W27C257	NA	Released	Released	Released	Released	Released	Released
W27E512/ W27C512	Released	Released	Released	Released	Released	Released	Released
W27E010/ W27C010	Released	Released	Released	Released	Released	Released	Released
W27E020/ W27C020(M)	NA	Released	NA	NA	Released	NA	NA
W27E040	NA	Released	NA	NA	Released	NA	Released
W27E4096/ W27C4096	NA	Released	NA	NA	Released	NA	NA
W27L010	NA	Released	NA	NA	Released	NA	NA
W29EE512	NA	Released	Released	Released	Released	Released	Released
W29EE011	NA	Released	Released	Released	Released	Released	Released
W29C011A	NA	Released	NA	NA	Released	Released	Released
W29C020(C)	NA	Released	Released	Released	Released	Released	Released
W29C040	NA	Released	Released	Released	Released	Released	Released
W29C101	NA	Released	NA	NA	Released	Released	Released
W29C102	NA	Released	NA	NA	Released	Released	Released
W29F102	NA	Released	NA	NA	Released	NA	NA
W49F002U	NA	Released	NA	NA	Released	NA	NA
W49L102	NA	TBD	NA	NA	NA	NA	NA
W49V002	NA	Released	NA	NA	Released	NA	NA
W49V002F	NA	Released	NA	NA	Released	NA	NA
W49F020	NA	Released	NA	NA	NA	NA	NA

BMI Part #	System General						
	Apro	M-Apro	TurPro-832	TurPro-840	TurPro-848	TurPro-1	TurPro-1/FX(1/TX)
BM29F040	NA	Released	NA	NA	Released	NA	Released
BM29F400	NA	Released	NA	NA	Released	NA	NA

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



XELTEK

3444 De La Cruz Blvd.
Santa Clara, CA 95054 USA
Tel) 408-588-9940
Fax) 408-588-9944
Email: info@xeltek.com
Web: <http://www.xeltek.com>

XELTEK-CHINA

338 Hongwu Road
Nanjing, China 210002
Tel) 86-25-4542464, 4418623
Fax) 86-25-4540248
Email: xeltek@public1.ptt.js.cn
Web: <http://www.xeltek-cn.com>

Winbond Part No.	Xeltek		
	Superpro 2000	Superpro 680	Superpro V
W27E257/W27C257	Released	Released	Released
W27E512/W27C512	Released	Released	Released
W27E010/W27C010	Released	Released	Released
W27E020/W27C020(M)	Released	Released	Released
W27E040	Released	Released	Released
W29EE512	Released	Released	Released
W29EE011	Released	Released	Released
W29C011A	Released	Released	Released
W29C020(C)	Released	Released	Released
W29C040	Released	Released	Released
W29C101	Released	Released	Released
W29C102	Released	Released	Released
W29F102	Released	Released	Released
W49F002U	Released	Released	Released
W49L102	Released	Released	Released

BMI Part No.	Xeltek		
	Superpro 2000	Superpro 680	Superpro V
BM29F040	Released	Released	Released
BM29F400	Released	Released	Released

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



VERSION HISTORY

VERSION	DATE	PAGE	DESCRIPTION
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.
A6	Apr. 2000	2	Add Advin System Inc. data
		8	Add ELNEC data
		10	Add ICE Technology Ltd. data
		18	Add Xeltek data
		1 – 18	Update part list
A7	Sept. 24, 2001	All	Update part list
A8	Nov. 9, 2001	18	Update part list



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

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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