

Application Note-01



EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING

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. \(Taiwan & U.S.A\)](#)
- [Advin System, Inc.](#)
- [Ando Electric Co., Ltd.](#)
- [BP Microsystems, Inc.](#)
- [Caprillion Enterprise Company \(Taiwan\)](#)
- [Conitec Datasystems GmbH](#)
- [Data I/O Corporation](#)
- [Dataman Programmers Ltd.](#)
- [Dediprog Technology](#)
- [Electronic Engineering Tools, Inc.](#)
- [ELNEC spol. s.r.o.](#)
- [Hi-Lo System Research Co., Ltd. \(Taiwan & U.S.A\)](#)
- [ICE Technology Ltd.](#)
- [Leap Electronic Co., Ltd. \(Taiwan\)](#)
- [Logical Devices, Inc.](#)
- [Minato Electronics Inc.](#)
- [MQP Electronics](#)
- [Needham's Electronics](#)
- [Stag Programmers Ltd.](#)
- [System General Corp. \(Taiwan & U.S.A\)](#)
- [Xeltek \(U.S.A\)](#)

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 PART # PARALLEL | ADVANTECH EQUIPMENT CORP. | |
|----------------------------|---------------------------|------------------|
| | LABTOOL-848 | LABTOOL-48XP/UXP |
| W19B800AB/T | NA | YES |
| W19B(L)160AB/T | NA | YES |
| W19B(L)320SBT/STT | YES | YES |
| W19B320ABT | YES | YES |
| W19B320ATT | YES | YES |
| W19B320SBT | YES | YES |
| W19B320STT | YES | YES |
| W19B32 | YES | YES |
| W19B322MBT | YES | YES |
| W19B322MTT | YES | YES |
| W19B323MBT | YES | YES |
| W19B323MTT | YES | YES |
| W19B324MBT | YES | YES |
| W19B324MTT | YES | YES |
| W19L320SBT | YES | YES |
| W19L320STT | YES | YES |
| W27C4096/W27E4096 | YES | YES |
| W27C520 | NA | YES |
| W27E520/W27C520/W27L520 | NA | YES |
| W28J800B/T | YES | YES |
| W28J160B/T | YES | YES |
| W28J320B/T | YES | YES |
| W28V400B/T | YES | YES |
| W29C010 | YES | NA |

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| WINBOND PART # PARALLEL | ADVANTECH EQUIPMENT CORP. | |
|----------------------------|---------------------------|------------------|
| | LABTOOL-848 | LABTOOL-48XP/UXP |
| W29C011A | YES | YES |
| W29C101 | YES | YES |
| W29C102 | YES | YES |
| W29EE011/W29C011A | YES | YES |
| W29EE512/W29C512A | YES | YES |
| W39L020A | NA | YES |
| W39L040A | NA | YES |
| W39L040B | YES | YES |
| W39L040C | YES | YES |
| W39V040A | YES | YES |
| W39V040B | YES | YES |
| W39V040C | NA | YES |
| W39V040FA | YES | YES |
| W39V040FB | YES | YES |
| W39V040FC | YES | YES |
| W39V080A | YES | YES |
| W39V080FA | YES | YES |
| W45B012 | NA | YES |
| W45B512 | NA | YES |
| W49F102 | YES | YES |
| W49F201 | YES | YES |
| W49L102 | YES | YES |
| W49L201 | YES | YES |
| W49L401 | YES | YES |
| W49V002A/W49V002 | YES | YES |
| W49V002FA/W49V002F | YES | YES |

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| WINBOND PART # SPIFLASH | ADVANTECH EQUIPMENT CORP. |
|----------------------------|---------------------------|
| | LABTOOL-48XP/UXP |
| W15B020 / NX15B020 | YES |
| W15B040 / NX15B040 | YES |
| W25B20 / NX25B20 | YES |
| W25B40 / NX25B40 | YES |
| W25P10 / NX25P10 | YES |
| W25P16 / NX25P16 | YES |
| W25P20 / NX25P20 | YES |
| W25P40 / NX25P40 | YES |
| W25P80 / NX25P80 | YES |
| W25X10 / NX25X10 | YES |
| W25X20 / NX25X20 | YES |
| W25X40 / NX25X40 | YES |
| W25X80 / NX25X80 | YES |
| W25X16 / NX25X16 | YES |
| W25X32 / NX25X32 | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Advin Systems, Inc.

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

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

Fax :1-408-541-9006

Email: Sales.Advin@Gmail.com

Web : www.advin.com

| WINBOND PART # PARALLEL | ADVIN SYSTEMS, INC. (GANG PROGRAMMER) | |
|----------------------------|---------------------------------------|----------------------------------|
| | MVP-932D PILOT-MVP PILOT-1600 | SPEEDPRO-3000A SPEEDPRO-9000A |
| W19B320AB/AT/SB/ST | NA | YES |
| W19B322MB/MT | NA | YES |
| W19L320SB/ST | NA | YES |
| W19B323MB/MT | NA | YES |
| W19B324MB/MT | NA | YES |
| W27C01 | NA | YES |
| W27C02 | NA | YES |
| W27C010 | YES | YES |
| W27C020 | YES | YES |
| W27C020M | YES | YES |
| W27C257 | NA | YES |
| W27C4096 | YES | YES |
| W27C512 | NA | YES |
| W27C520 | NA | YES |
| W27E010 | NA | YES |
| W27E01 | NA | YES |
| W27E020 | NA | YES |
| W27E040 | NA | YES |
| W27E257 | NA | YES |
| W27E4096 | NA | YES |
| W27E512 | YES | YES |
| W27E520 | NA | YES |
| W27L010 | YES | YES |

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| WINBOND PART # PARALLEL | ADVIN SYSTEMS, INC. (GANG PROGRAMMER) | |
|---|---------------------------------------|----------------------------------|
| | MVP-932D PILOT-MVP PILOT-1600 | SPEEDPRO-3000A SPEEDPRO-9000A |
| W27L01 | NA | YES |
| W27L02 | NA | YES |
| W27L520 | NA | YES |
| W29C010 | YES | YES |
| W29C011A | YES | YES |
| W29C020 /C | YES | YES |
| W29C040 | YES | YES |
| W29C101 | YES | YES |
| W29C102 | YES | YES |
| W29EE512 | YES | YES |
| W29EE010 | YES | YES |
| W29EE011 | YES | YES |
| W29F040 | NA | YES |
| W29F102 | NA | YES |
| W39F010 | NA | YES |
| W39L020 | NA | YES |
| W39L040/ W39L040A | NA | YES |
| W39L512 | NA | YES |
| W39V040AP /B(P) /CP /CQ /FAQ /FAT /FB(Q) /FCPZ/FCPZ/FCQZ | NA | YES |
| W39V080A(Q) / FA(T) / FA(P) | NA | YES |
| W49F002 /B /N /U | NA | YES |
| W49F020 | NA | YES |
| W49F102 | NA | YES |
| W49F201 | NA | YES |
| W49L102 | NA | YES |
| W49L201 | NA | YES |
| W49L401 /T | NA | YES |
| W49V002A /FA /FP/ P | NA | YES |

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| WINBOND PART # PARALLEL | ADVIN SYSTEMS, INC. (1 DEVICE) | | |
|----------------------------|--|---------------|---------------------------------|
| | PILOT-U128-PLUS PILOT-U84-PLUS PILOT-U44-PLUS PILOT-MVP | SPEEDPRO-280A | SPEEDPRO-3000A SPEEDPRO-580A |
| W19B322MB/MT | NA | NA | YES |
| W19L320SB/ST | NA | NA | YES |
| W19B323MB/MT | NA | NA | YES |
| W19B324MB/MT | NA | NA | YES |
| W27C01 | NA | YES | YES |
| W27C02 | NA | YES | YES |
| W27C010 | YES | YES | YES |
| W27C020 | YES | YES | YES |
| W27C020M | YES | YES | YES |
| W27C257 | NA | YES | YES |
| W27C4096 | YES | YES | YES |
| W27C512 | NA | YES | YES |
| W27C520 | NA | YES | YES |
| W27E010 | YES | YES | YES |
| W27E01 | NA | YES | YES |
| W27E020 | YES | YES | YES |
| W27E040 | YES | YES | YES |
| W27E257 | NA | YES | YES |
| W27E4096 | NA | YES | YES |
| W27E512 | YES | YES | YES |
| W27E520 | YES | YES | YES |
| W27L010 | YES | YES | YES |
| W27L01 | YES | YES | YES |
| W27L02 | NA | YES | YES |
| W27L520 | NA | YES | YES |
| W29C010 | NA | YES | YES |
| W29C011A | YES | YES | YES |
| W29C020 /C | YES | YES | YES |
| W29C040 | YES | YES | YES |

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| WINBOND PART # PARALLEL | ADVIN SYSTEMS, INC. (1 DEVICE) | | |
|---|--|---------------|---------------------------------|
| | PILOT-U128-PLUS PILOT-U84-PLUS PILOT-U44-PLUS PILOT-MVP | SPEEDPRO-280A | SPEEDPRO-3000A SPEEDPRO-580A |
| W29C101 | YES | YES | YES |
| W29C102 | YES | YES | YES |
| W29EE512 | YES | YES | YES |
| W29EE010 | YES | YES | YES |
| W29EE011 | YES | YES | YES |
| W29F040 | NA | YES | YES |
| W29F102 | YES | YES | YES |
| W39F010 | NA | YES | YES |
| W39L020 | NA | YES | YES |
| W39L040/ W39L040A | NA | YES | YES |
| W39L512 | NA | YES | YES |
| W39V040AP /B(P) /CP /CQ /FAQ /FAT /FB(Q) /FCPZ/FCPZ/FCQZ | NA | YES | YES |
| W39V080A(Q) / FA(T) / FA(P) | NA | YES | YES |
| W49F002 /B /N /U | NA | YES | YES |
| W49F020 | YES | YES | YES |
| W49F102 | NA | YES | YES |
| W49F201 | NA | YES | YES |
| W49L102 | YES | YES | YES |
| W49L201 | NA | YES | YES |
| W49L401 /T | NA | YES | YES |
| W49V002A /FA /FP/ P | YES | YES | YES |

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| WINBOND PART # SPIFLASH | 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 |
| W25X16/NX25X16 | YES | YES |
| W25X16/NX25X16 | YES | YES |
| W25X20/NX25X20 | YES | YES |
| W25X32/NX25X32 | YES | YES |
| W25X40/NX25X40 | YES | YES |
| W25X64/NX25X64 | YES | YES |
| W25X80/NX25X80 | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Ando Electric Co., Ltd. (Flash Support Group)
 4th F, NO.29, Wu-Chuan Liao RD, Wu-Ku Industry Park, Taipei Hsien, Taiwan
 Tel :02-89902119
 Fax :02-88902116
 Web :<http://www.j-fsg.co.jp/>

VILI MISAWA
 2539 Regency Road, Suite 107
 Lexington, Kentucky 40503
 Tel:859-276-0758
 Fax:859-276-0759
 Web:www.toa-electric.com

| WINBOND PART # PARALLEL | ANDO ELECTRIC CO. | |
|----------------------------|-------------------|--------|
| | AF9708/09/09B/23 | AF9710 |
| W19B(L)320SBT/STT/STT | YES | YES |
| W19B160ABB/ATB/ATT | YES | NA |
| W19B320ABB/ABT/ATT | YES | NA |
| W27C4096/W27E4096 | NA | NA |
| W27E010/W27C010 | NA | NA |
| W27E020/W27C020(M) | NA | NA |
| W27E040 | NA | NA |
| W27E257/W27C257 | NA | NA |
| W27E512/W27C512 | NA | NA |
| W27E520/W27C520/W27L520 | NA | NA |
| W27L010 | NA | NA |
| W29C101Q | YES | NA |
| W29C102P/Q | YES | NA |
| W29C020/(C)/(CP)/(P) | YES | NA |
| W29C040/(P)/(T) | YES | NA |
| W29EE011/(P) | YES | NA |
| W29C011A | NA | NA |
| W29EE512/(T)/(P) | YES | NA |
| W29C512A | YES | NA |
| W39F010 | NA | NA |
| W39L010 / W39L020 | NA | NA |
| W39L040 / W39L512 | NA | NA |
| W39V040A | YES | NA |
| W39V080FA | YES | NA |
| W49F002U | YES | NA |
| W49F020 | NA | NA |
| W49F102 | YES | NA |

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| Winbond Part # Parallel | Ando Electric Co. | |
|-----------------------------|-------------------|--------|
| | AF9708/09/09B/23 | AF9710 |
| W49F201 | NA | NA |
| W49L102 / W49L201 / W49L401 | NA | NA |
| W49V002A/W49V002 | NA | NA |
| W49V002FA/W49V002F | YES | NA |

BP Microsystems, Inc.

1000 North Post Oak Road, Suite 225 Houston, Texas 77055 USA

Tel : (713) 688-4600

(800) 225-2102 (US only)

Fax : 713-688-0920

Email: web@bpmicro.com

Web : www.bpmicro.com

| Winbond Part # Parallel | BP Microsystems | | | | | | | | | |
|----------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|
| | 1200 Serials | 1400/ Serials | 1600/ Serials | 1700/ Serials | 2000/ Serials | 2600/ Serials | 3600/ Serials | 3700 Serials | 4600/ Serials | 4700/ Serials |
| W19L320STT | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27C4096/ W27E4096 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27E01 /P | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27E010/ W27C010 | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27E020/ W27C020(M) | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27E040 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27E257/ W27C257 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27E512/ W27C512 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W27L010 | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W28J320B/T | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W29C101 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W29C102 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W29C020(C) | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |

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| Winbond Part # Parallel | BP Microsystems | | | | | | | | | |
|----------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|
| | 1200/ Serials | 1400/ Serials | 1600/ Serials | 1700/ Serials | 2000/ Serials | 2600/ Serials | 3600/ Serials | 3700 Serials | 4600/ Serials | 4700/ Serials |
| W29EE010 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W29EE011/ W29C011A | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W29EE512/ W29C512A | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W29F102 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W39F010 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W39L020 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W39L512 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W39V040AP | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W39V040FAP | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W39V080A/FA | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W49F002U | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W49F201 | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W49L102 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W49L201 | YES | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W49V002A/ W49V002 | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |
| W49V002FA/ W49V002F | NA | YES | YES | YES | YES | YES | YES | YES | YES | YES |

| Winbond Part # SpiFlash | 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 / NX25X10 | YES |
| W25X80 / NX25X80 | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Caprillion Enterprise Company

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

Tel :886-7-386-5061

Fax :886-7-386-4521

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

Web :www.caprillion.com.tw

| WINBOND PART # PARALLEL | CAPRILION EQUIPMENT | | |
|----------------------------|---------------------|---------------|-----------|
| | PROM9801 | PROM8908D/E/F | UNIV2000A |
| W19B160AB/AT | NA | NA | YES |
| W19B160ATT/ABT | YES | YES | YES |
| W19B320ATT/ABT | YES | YES | YES |
| W19B320SBT/STT/SBB/STB | YES | YES | YES |
| W19B322~324MB/MT/MB | NA | NA | YES |
| W19B800AB/AT | NA | NA | YES |
| W19L320SBT/STT/SBB/STB | YES | YES | YES |
| W27C4096/W27E4096 | YES | YES | NA |
| W27E01/L01 | NA | YES | YES |
| W27E010/W27C010 | NA | YES | YES |
| W27E02/L02 | NA | YES | YES |
| W27E020/W27C020(M) | NA | YES | YES |
| W27E040 | NA | YES | YES |
| W27E257/W27C257 | NA | YES | YES |
| W27E512/W27C512 | NA | YES | YES |
| W27E520/W27C520/W27L520 | NA | NA | YES |
| W27L010 | NA | YES | NA |
| W28J160 | NA | NA | YES |
| W28J161 | NA | NA | YES |
| W28J320 | NA | NA | YES |
| W28J321 | NA | NA | YES |
| W28J800 | NA | NA | YES |
| W28V400 | NA | NA | YES |
| W29C010 | NA | NA | YES |
| W29C020(C) | YES | YES | YES |
| W29C040 | YES | YES | YES |
| W29EE011/W29C011A | YES | YES | NA |

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| WINBOND PART # PARALLEL | CAPRILION EQUIPMENT | | |
|----------------------------|---------------------|---------------|-----------|
| | PROM9801 | PROM8908D/E/F | UNIV2000A |
| W29EE512/W29C512A | YES | YES | NA |
| W39F010 | YES | YES | YES |
| W39F020 | YES | YES | NA |
| W39L010 | YES | YES | YES |
| W39L020 | YES | YES | YES |
| W39L040 | YES | YES | YES |
| W39L040A | NA | YES | YES |
| W39L040B | NA | NA | YES |
| W39L040C | NA | NA | YES |
| W39L512 | YES | YES | YES |
| W39V040A | NA | YES | NA |
| W39V040B | NA | NA | NA |
| W39V040C | NA | NA | NA |
| W39V040FA | YES | YES | YES |
| W39V040FB | NA | YES | NA |
| W39V040FC | NA | NA | NA |
| W39V080A | NA | YES | YES |
| W39V080FA | YES | YES | YES |
| W49F002U | YES | YES | YES |
| W49F020 | YES | YES | YES |
| W49F102 / W49F201 | NA | NA | YES |
| W49L102 | NA | NA | YES |
| W49L201 / W49L401 | NA | NA | YES |
| W49V002A/W49V002 | YES | YES | YES |
| W49V002FA/W49V002F | YES | YES | YES |

| WINBOND PART # SPIFLASH | CAPRILION EQUIPMENT | |
|----------------------------|---------------------|-----------|
| | PROM8908F | UNIV2000A |
| W15B020 / 040 | YES | YES |
| W25B40 | NA | YES |
| W25B40A | NA | NA |
| W25P10 / NX25P10 | YES | YES |
| W25P16 | YES | YES |
| W25P20 / NX25P20 | YES | YES |
| W25P40 / NX25P40 | YES | YES |

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| WINBOND PART # SPIFLASH | CAPRILION EQUIPMENT | |
|----------------------------|---------------------|-----------|
| | PROM8908F | UNIV2000A |
| W25P80 | YES | YES |
| W25X20 | NA | YES |
| W25X40 | NA | YES |
| W25X80 | NA | YES |

Conitec Datasystems GmbH

Germany:

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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
Web : www.conitec.com

| WINBOND PART # | CONITEC DATASYSTEMS GMBH | |
|----------------|--------------------------|--------|
| | PARALLEL | GALEP3 |
| W27C010 | YES | YES |
| W27C020 | YES | YES |
| W27C512 | YES | YES |
| W27E010 | YES | YES |
| W27E020 | YES | YES |
| W27E040 | YES | YES |
| W27E257 | YES | YES |
| W27E4096 | YES | YES |
| W27E512 | YES | YES |
| W29C010 | YES | YES |
| W29C011/A | YES | YES |
| W29C020 | YES | YES |
| W29C040 | YES | YES |
| W29EE010 | YES | YES |
| W29EE011 | YES | YES |
| W29EE012 | YES | YES |
| W29EE512 | YES | NA |
| W39L010 | YES | NA |

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Continued

| WINBOND PART # | CONITEC DATASYSTEMS GMBH | |
|-----------------------|--------------------------|--------|
| PARALLEL | GALEP3 | GALEP4 |
| W39L020 | YES | NA |
| W39L040 | YES | NA |
| W39L512 | YES | NA |
| W39V040A/B/C/FA/FB/FC | YES | NA |
| W39V080A/FA | YES | NA |
| W49F002/(U) | YES | YES |
| W49F102 | YES | YES |
| W49L102 | YES | NA |
| W49V002/(A)/(FA) | YES | YES |

| WINBOND PART # | CONITEC DATASYSTEMS GMBH |
|------------------|--------------------------|
| SPIFLASH | GALEP4 |
| W25B40 / NX25B40 | YES |
| W25P10 / NX25P10 | YES |
| W25P16 / NX25P16 | YES |
| W25P20 / NX25P20 | YES |
| W25P40 / NX25P40 | YES |
| W25P80 / NX25P80 | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Data I/O Corporation

10525 Willows Road, N.E. PO Box 97046 Redmond, WA 98073-9746

Tel:(425) 881-6444 or (800) 426-1045

Fax:(425) 882-1043

Web:www.data-io.com

| WINBOND PART # PARALLEL | Data-IO | | | | | |
|----------------------------|--|--------|--|--------|--------|-------------------------|
| | UniSite Auto site 3900 (3980/3980XPI) | Plus48 | Optima (light) Multisyte (octal/quad) Dual | PM2500 | PM3000 | PP100 PS200 PS300 |
| W27E257/W27C257 | YES | YES | YES | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES | YES | YES |
| W27E020/ W27C020(M) | YES | YES | YES | YES | YES | YES |
| W27E040 | YES | YES | YES | NA | YES | YES |
| W27E01/L01 | YES | YES | YES | YES | YES | YES |
| W27E02/L02 | YES | YES | YES | YES | YES | YES |
| W27L010 | YES | YES | YES | YES | YES | YES |
| W27C4096/ W27E4096 | YES | YES | YES | NA | NA | YES |
| W27E520/C520/ L520 | NA | NA | NA | NA | NA | NA |
| W28V400 | NA | YES | YES | NA | NA | YES |
| W28J800 | NA | YES | YES | NA | NA | YES |
| W28J160 | NA | YES | YES | NA | NA | YES |
| W28J320 | NA | YES | YES | NA | NA | YES |
| W29EE512/ W29C512A | YES | YES | YES | YES | YES | YES |
| W29EE011/ W29C011A | YES | YES | YES | YES | YES | YES |
| W29C101 | YES | NA | YES | NA | NA | YES |
| W29C102 | YES | NA | YES | NA | NA | YES |
| W29C020(C) | YES | YES | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES | YES | YES |
| W29F102 | YES | NA | YES | NA | NA | YES |
| W39F010 | YES | YES | YES | NA | YES | YES |
| W39L512 | YES | YES | YES | YES | NA | YES |
| W39L010 | YES | YES | YES | NA | NA | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # PARALLEL | Data-IO | | | | | |
|----------------------------|--|--------|--|--------|--------|-------------------------|
| | UniSite Auto site 3900 (3980/3980XPI) | Plus48 | Optima (light) Multisyte (octal/quad) Dual | PM2500 | PM3000 | PP100 PS200 PS300 |
| W39L020 | YES | YES | YES | NA | NA | YES |
| W39L040 | YES | YES | YES | NA | NA | YES |
| W39L040A | NA | NA | NA | NA | NA | NA |
| W39V040A | YES | NA | NA | YES | YES | YES |
| W39V040B | YES | NA | NA | NA | NA | NA |
| W39V040FA | YES | YES | YES | NA | YES | YES |
| W39V040FB | YES | NA | NA | NA | NA | NA |
| W39V080A/FA | YES | NA | NA | NA | NA | NA |
| W49F002U | YES | YES | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES | YES | YES |
| W49F102 | YES | NA | YES | YES | YES | NA |
| W49F201 | YES | YES | YES | NA | YES | YES |
| W49L102 | YES | YES | YES | NA | NA | YES |
| W49L201 | YES | YES | YES | NA | NA | YES |
| W49L401(T) | YES | YES | YES | NA | NA | YES |
| W49V002A/W49V002 | YES | YES | YES | YES | YES | YES |
| W49V002FA/ W49V002F | YES | YES | YES | YES | YES | YES |

| Winbond Part # SpiFlash | Data-IO | | | | |
|----------------------------|-------------------------|-------------------------|-----------------------------|---|--------|
| | PP100 PS200 PS300 | 3900 3980 3980XPI | Image writer – (300/200) | Dual Multisyte-serials Optma-serials UniSite-xpi | PM2500 |
| W25B40 | 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 |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| Winbond Part # SpiFlash | Data-IO | | | | |
|----------------------------|-------------------------|-------------------------|-----------------------------|---|--------|
| | PP100 PS200 PS300 | 3900 3980 3980XPI | Image writer – (300/200) | Dual Multisyte-serials Optma-serials UniSite-xpi | PM2500 |
| 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 |
| W25X64 | NA | NA | YES | NA | NA |

| | |
|--|--|
| 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 PART # PARALLEL | DATAMAN PROGRAMMERS LTD. | | | | | |
|----------------------------|--------------------------|-------|-------|-----|--------|--------|
| | 40PRO | 48PRO | 48UXP | S4 | 448PRO | 848/XP |
| W19B800AB | NA | NA | YES | NA | NA | NA |
| W19B1600AB | NA | NA | YES | NA | NA | NA |
| W19B(L)320SBT/STT | NA | YES | YES | NA | YES | YES |
| W19B322/323/324MBT/MTT | NA | YES | YES | NA | YES | YES |
| W19B320ABT/ATT | NA | YES | YES | NA | YES | YES |
| W27C01 | YES | YES | NA | NA | YES | YES |
| W27C02 | YES | YES | NA | NA | YES | NA |
| W27E257/W27C257 | YES | YES | YES | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES | YES | YES |
| W27E020/W27C020(M)/040 | YES | YES | YES | YES | YES | YES |
| W27E257 | YES | YES | NA | NA | YES | NA |
| W27E040 | YES | YES | NA | NA | YES | NA |
| W27E01/L01 | YES | YES | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # PARALLEL | DATAMAN PROGRAMMERS LTD. | | | | | |
|----------------------------|--------------------------|-------|-------|-----|--------|--------|
| | 40PRO | 48PRO | 48UXP | S4 | 448PRO | 848/XP |
| W27E02/L02 | YES | YES | YES | NA | YES | YES |
| W27L010 | YES | YES | YES | NA | YES | NA |
| W27L020 | YES | YES | NA | NA | YES | NA |
| W27C4096/W27E4096 | YES | NA | YES | YES | YES | YES |
| W27E520/W27C520/W27L520 | YES | YES | YES | NA | YES | NA |
| W27F512 | NA | NA | YES | NA | NA | NA |
| W28V400(BT/TT) | NA | NA | YES | NA | NA | YES |
| W28J800(BT/TT) | NA | NA | YES | NA | NA | YES |
| W28J160(BT/TT) | NA | NA | YES | NA | NA | YES |
| W28J320(BT/TT) | NA | NA | YES | NA | NA | YES |
| W29EE512/W29C512A | YES | NA | YES | YES | NA | YES |
| W29EE011/W29C011A | YES | YES | YES | YES | YES | YES |
| W29EE012 | NA | NA | NA | NA | NA | YES |
| W29C010 | YES | YES | NA | NA | YES | YES |
| W29C020(C)/040 | YES | YES | YES | YES | YES | YES |
| W29C101 | NA | YES | NA | NA | YES | YES |
| W29C102 | YES | YES | YES | NA | YES | NA |
| W29F102 | NA | YES | NA | NA | NA | NA |
| W39D040A | NA | NA | YES | NA | NA | NA |
| W39F010 | YES | YES | YES | YES | YES | YES |
| W39L512 | YES | YES | YES | NA | YES | YES |
| W39L010 | YES | YES | YES | NA | YES | YES |
| W39L020 | YES | YES | YES | NA | YES | YES |
| W39L040A | YES | YES | YES | NA | YES | YES |
| W39V040A/FA | YES | YES | YES | NA | YES | YES |
| W39V040B/FB | YES | YES | YES | NA | YES | NA |
| W39V040C/FC | YES | YES | YES | NA | YES | YES |
| W39V080A/FA | YES | YES | YES | NA | YES | YES |
| W49F002A | YES | YES | YES | NA | YES | NA |
| W49F002U | YES | YES | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES | YES | NA |
| W49F102 | YES | YES | YES | NA | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # PARALLEL | DATAMAN PROGRAMMERS LTD. | | | | | |
|----------------------------|--------------------------|-------|-------|----|--------|--------|
| | 40PRO | 48PRO | 48UXP | S4 | 448PRO | 848/XP |
| W49F201 | NA | YES | YES | NA | YES | YES |
| W49L102 | YES | YES | YES | NA | YES | YES |
| W49L201 | NA | YES | YES | NA | YES | YES |
| W49L401 | NA | YES | YES | NA | YES | YES |
| W49V002A/W49V002(P)(Q) | YES | YES | YES | NA | YES | YES |
| W49V002FA/W49V002F | YES | YES | YES | NA | YES | YES |

| WINBOND PART # SPIFLASH | DATAMAN PROGRAMMERS LTD. | | | | |
|----------------------------|--------------------------|-------|----------|--------|--------|
| | 40PRO | 48PRO | 48XP/UXP | 448PRO | 848/XP |
| W25B20 | YES | NA | YES | NA | NA |
| W25B40(A) / NX25B40(A) | YES | NA | YES | YES | YES |
| W25P10 / NX25P10 | YES | YES | YES | YES | YES |
| W25P16 / NX25P16 | 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 / NX25X10 | YES | YES | YES | YES | YES |
| W25X20 / NX25X20 | YES | YES | YES | YES | YES |
| W25X40 / NX25X40 | YES | YES | YES | YES | YES |
| W/25X80 / NX25X80 | YES | YES | YES | YES | YES |
| W25X16 / NX25X16 | YES | YES | YES | YES | YES |
| W25X32 / NX25X32 | YES | YES | YES | YES | YES |
| W25X64 / NX25X64 | NA | NA | NA | NA | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Dediprog Technology

4F-2, #16, Jin-Jhou Street,
Taipei, Taiwan

Telephone: 886-2-6618-1320

Fax: 886-2-6618-1338

URL: <http://www.dediprog.com>

Window: sales@dediprog.com

support@dediprog.com

Dediprog: Programmers for all serial flash memories

Current software for SF100, SF200:
2.0.37

Current firmware for Power 5 Gang: 2.0.4

| WINBOND PART # | DEDIPROG TECHNOLOGY | | |
|-------------------|---------------------|----------|--------------|
| | SF100(+) | SF200(+) | POWER 5 GANG |
| W25X10 | Yes | Yes | Yes |
| W25P10 | Yes | Yes | Yes |
| W25X20 | Yes | Yes | Yes |
| W25P20 | Yes | Yes | Yes |
| W25X40 | Yes | Yes | Yes |
| W25P10 | Yes | Yes | Yes |
| W25B40 | Yes | Yes | Yes |
| W25X80 | Yes | Yes | Yes |
| W25P80 | Yes | Yes | Yes |
| W25X16 | Yes | Yes | Yes |
| W25P16 | Yes | Yes | Yes |
| W25P32 | Yes | Yes | Yes |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Electronic Engineering Tools, Inc.

3350 Scott Blvd. B51-02 Santa Clara, CA 95054 USA

Tel:(408)-496-6664

(866)-496-6664

Fax:(408)-496-0006

Web:www.eetools.com

| WINBOND PART # PARALLEL | ELECTRONIC ENGINEERING TOOLS | |
|----------------------------|------------------------------|------------------------------|
| | MULTIMAX | TOPMAX, TOPMAX_II, UNIMAX |
| W19B320ATT/ABT | YES | YES |
| W19B320SB/ST/SB/ST | YES | YES |
| W19B322~324MB/MT/MB | YES | NA |
| W27C4096/W27E4096 | YES | YES |
| W27E01/L01 | NA | NA |
| W27E010/W27C010 | YES | YES |
| W27E02/L02 | YES | YES |
| W27E020/W27C020(M) | YES | YES |
| W27E040 | YES | YES |
| W27E257/W27C257 | NA | NA |
| W27E256 | YES | YES |
| W27E512/W27C512 | YES | YES |
| W27E520/W27C520/W27L520 | NA | NA |
| W27F256 | YES | YES |
| W27F512 | YES | NA |
| W27F010 | YES | NA |
| W27L010 | NA | YES |
| W29C010 | NA | YES |
| W29C011(A) | YES | YES |
| W29C020(C) | YES | YES |
| W29C040 | YES | YES |
| W29C101 | NA | YES |
| W29C102 | NA | YES |
| W29EE010 | YES | YES |
| W29EE012 | NA | YES |
| W29EE021 | YES | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| WINBOND PART # PARALLEL | ELECTRONIC ENGINEERING TOOLS | |
|----------------------------|------------------------------|------------------------------|
| | MULTIMAX | TOPMAX, TOPMAX_II, UNIMAX |
| W29EE011/W29C011A | NA | YES |
| W29EE512/W29C512A | YES | YES |
| W29F102 | NA | YES |
| W39F010 | NA | NA |
| W39F020 | NA | NA |
| W39L010 | NA | NA |
| W39L020 | NA | YES |
| W39L040 | NA | YES |
| W39L512 | NA | NA |
| W39V040A | NA | YES |
| W39V040B | NA | YES |
| W39V040C | NA | YES |
| W39V040FA | NA | YES |
| W39V040FB | NA | NA |
| W39V040FC | NA | NA |
| W39V080A | NA | YES |
| W39V080FA | NA | YES |
| W49F002U | NA | YES |
| W49F020 | NA | YES |
| W49F102 | NA | YES |
| W49F201 | NA | YES |
| W49L102 | NA | YES |
| W49L201 / W49L401 | NA | YES |
| W49V002A/W49V002 | NA | YES |
| W49V002FA/W49V002F | NA | YES |

| WINBOND PART # SPIFLASH | ELECTRONIC ENGINEERING TOOLS, INC. | |
|----------------------------|------------------------------------|------------------------------|
| | MULTIMAX 16G | TOPMAX, TOPMAX_II, UNIMAX |
| W25P10 / NX25P10 | YES | YES |
| W25P20 / NX25P20 | YES | YES |
| W25P40 / NX25P40 | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



ELNEC spol. s.r.o.

Jana Bottu 5 SK-08001 Presov Slovak Republic

Tel :+421-51-7734328, 7731007

Fax :+421-51-732797

Email:doval@elnec.sk (Bussines questions)

Web : www.elnec.sk

| WINBOND PART # PARALLEL | ELNEC EQUIPMENT | | | | | |
|-----------------------------|-----------------|-------------------|--------------------|-----------|------------|---------------|
| | JetProg | BeeProg/ Hive4 | Labprog+ / 48LV | SmartProg | Preprom-02 | Preprom-02aLV |
| W19B(L)320STT/SBT | YES | YES | YES | YES | NA | NA |
| W19B320-324MTT/MBT | YES | YES | YES | YES | NA | NA |
| W27E257/W27C257 | YES | YES | YES | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES | YES | YES |
| W27E01/C01/L01 | YES | YES | YES | YES | YES | YES |
| W27E02/C02/L02 | YES | YES | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES | YES | YES |
| W27E020/W27C020(M) | YES | YES | YES | YES | YES | YES |
| W27E040/ W27C040 | YES | YES | YES | YES | YES | YES |
| W27L010 | YES | YES | YES | YES | NA | NA |
| W27C4096/W27E4096 | YES | YES | YES | YES | NA | NA |
| W27E520/W27C520/ W27L520 | YES | YES | YES | YES | NA | NA |
| W28V400(BT/TT) | YES | YES | YES | YES | NA | NA |
| W28J800(BT/TT) | YES | YES | YES | YES | NA | NA |
| W28J160(BT/TT) | YES | YES | YES | YES | NA | NA |
| W28J320(BT/TT) | YES | YES | YES | YES | NA | NA |
| W29EE512/W29C512A | YES | YES | YES | YES | YES | YES |
| W29EE011/W29C011A | YES | YES | YES | YES | YES | YES |
| W29EE012 | YES | YES | YES | YES | YES | YES |
| W29C010(A) | YES | YES | YES | YES | YES | YES |
| W29C011A | NA | NA | NA | NA | YES | YES |
| W29C020(C) | YES | YES | YES | YES | YES | YES |
| W29C040(P)/(T) | YES | YES | YES | YES | YES | YES |
| W29C101 | YES | YES | YES | YES | NA | NA |
| W29C102 | YES | YES | YES | YES | NA | YES |
| W29F102 | YES | YES | YES | YES | NA | NA |
| W29F010 | YES | YES | YES | YES | YES | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| WINBOND PART # PARALLEL | ELNEC EQUIPMENT | | | | | |
|----------------------------|-----------------|-------------------|--------------------|-----------|----------------|-------------------|
| | JetProg | BeeProg/ Hive4 | Labprog+ / 48LV | SmartProg | Preprom- 02 | Preprom- 02aLV |
| W39F010 | YES | YES | YES | YES | YES | YES |
| W39F020 | YES | YES | YES | YES | NA | NA |
| W39L512 | YES | NA | YES | YES | NA | NA |
| W39L010 | YES | YES | YES | YES | NA | YES |
| W39L020 | YES | YES | YES | YES | NA | YES |
| W39L040A | YES | YES | YES | YES | NA | YES |
| W39V040FA/A | YES | YES | YES | YES | NA | YES |
| W39V040FB/B | YES | YES | YES | YES | NA | YES |
| W39V040FC/C | YES | YES | YES | YES | NA | YES |
| W39V080FA/A | YES | YES | YES | YES | NA | YES |
| W49F002U/A | YES | YES | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES | YES | YES |
| W49F102 | YES | YES | YES | YES | YES | YES |
| W49F201 (S)/(T) | YES | YES | YES | YES | NA | NA |
| W49L102 (S)/(T) | YES | YES | YES | YES | NA | YES |
| W49L201 | YES | YES | YES | YES | NA | NA |
| W49L401 | YES | YES | YES | NA | NA | NA |
| W49V002A/W49V002 | YES | YES | YES | YES | NA | YES |
| W49V002FA/W49V002F/P/Q | YES | YES | YES | YES | NA | YES |

| Winbond Part # Parallel | ELNEC Equipment | | | | | | |
|----------------------------|-----------------|---------|----------|-----------|----------|--------|--------|
| | T51Prog2 | MEMProg | MEMProgL | SmartProg | PLKProg2 | Jetg02 | Jetg01 |
| W19B(L)320STT/SBT | NA | YES | YES | YES | NA | NA | NA |
| W27E257/W27C257 | YES | YES | YES | YES | YES | YES | YES |
| W27E512/W27C512 | YES | NA | YES | NA | YES | NA | NA |
| W27E01/C01/L01 | YES | YES | YES | YES | YES | YES | YES |
| W27E02/C02/L02 | YES | YES | YES | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES | YES | YES | YES |
| W27E020/W27C020(M) | YES | YES | YES | YES | YES | YES | YES |
| W27E040 | YES | NA | NA | NA | NA | NA | NA |
| W27L010 | YES | NA | YES | NA | YES | NA | NA |
| W27C4096/W27E4096 | YES | YES | YES | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| Winbond Part # Parallel | ELNEC Equipment | | | | | | |
|-----------------------------|-----------------|---------|----------|-----------|----------|--------|--------|
| | T51Prog2 | MEMProg | MEMProgL | SmartProg | PLKProg2 | Jetg02 | Jetg01 |
| W27E520/W27C520/ W27L520 | YES | NA | NA | NA | NA | NA | NA |
| W29EE512/W29C512A | YES | YES | YES | NA | YES | NA | NA |
| W29EE102 | YES | YES | YES | NA | YES | NA | NA |
| W29EE011/W29C011A | NA | NA | NA | NA | NA | NA | NA |
| W29C010 | YES | NA | YES | NA | YES | NA | NA |
| W29C011A | YES | NA | YES | NA | YES | NA | NA |
| W29C102 | YES | NA | YES | NA | YES | NA | NA |
| W29C020(C) | YES | NA | YES | NA | YES | NA | NA |
| W29C040 | YES | YES | YES | NA | YES | NA | NA |
| W39F010 | YES | NA | YES | NA | YES | NA | NA |
| W39L512 | NA | YES | YES | NA | YES | NA | NA |
| W39L010 | NA | YES | YES | NA | YES | NA | NA |
| W39L020 | NA | YES | YES | NA | YES | NA | NA |
| W39L040(A) | NA | NA | YES | NA | YES | NA | NA |
| W39V040FA/A | NA | YES | YES | NA | YES | NA | NA |
| W39V040FB/B | NA | NA | YES | NA | NA | NA | NA |
| W39V080FA/A | NA | NA | YES | NA | NA | NA | NA |
| W39V080FC/C | NA | NA | YES | NA | YES | NA | NA |
| W49F002U | NA | YES | YES | NA | YES | NA | NA |
| W49F020 | NA | NA | YES | NA | YES | NA | NA |
| W49F102 | NA | NA | YES | NA | YES | NA | NA |
| W49F201 | NA | NA | YES | NA | NA | NA | NA |
| W49L102 | NA | NA | YES | NA | NA | NA | NA |
| W49V002A/W49V002 | NA | NA | YES | NA | YES | NA | NA |
| W49V002FA/W49V002F/P/Q | NA | NA | YES | NA | YES | NA | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



| Winbond Part # SpiFlash | 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 |
| W25P16 / NX25P16 | 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 |
| W25X10 / NX25X10 | YES | YES | YES | YES | YES | YES |
| W25X20 / NX25X20 | YES | YES | YES | YES | YES | YES |
| W25X40 / NX25X40 | YES | YES | YES | YES | YES | YES |
| W/25X80 / NX25X80 | YES | YES | YES | YES | YES | YES |
| W25X16 / NX25X16 | YES | YES | YES | YES | YES | YES |
| W25X32 / NX25X32 | YES | YES | YES | YES | YES | YES |

Hi-Lo System Research Co., Ltd.

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Web :www.hilosystems.com.tw

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Web :www.tribalmicro.com

| WINBOND PART # PARALLEL | HI-LO SYSTEM EQUIPMENT | | | |
|----------------------------|------------------------|----------|-----------|---------|
| | PRO- 201/204/208 | ALL-11P3 | GSNG-08P2 | ALL-100 |
| W19B(L)320SBT/STT | NA | YES | YES | YES |
| W19B322-324MBT/MTT | NA | YES | NA | NA |
| W19B800A | NA | YES | NA | NA |
| W19B160ATT | NA | YES | NA | NA |
| W19B320ATT/ATB/ABB | NA | YES | NA | NA |
| W19B320ABT | NA | YES | YES | YES |
| W27E257/W27C257 | NA | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| WINBOND PART # PARALLEL | HI-LO SYSTEM EQUIPMENT | | | |
|----------------------------|------------------------|----------|-----------|---------|
| | PRO- 201/204/208 | ALL-11P3 | GSNG-08P2 | ALL-100 |
| W27E010/W27C010 | YES | YES | YES | YES |
| W27E020/W27C020(M) | YES | YES | YES | YES |
| W27E040 | YES | YES | YES | YES |
| W27E01/L01 | NA | YES | YES | YES |
| W27E02/L02 | YES | YES | YES | YES |
| W27L010 | YES | YES | YES | YES |
| W27C4096/W27E4096 | NA | YES | YES | YES |
| W27E520/W27L520/W27C520 | YES | YES | YES | YES |
| W29EE512/W29C512A | YES | YES | YES | YES |
| W29EE011/W29C011A | YES | YES | YES | YES |
| W29EE010/W29C010 | YES | YES | YES | YES |
| W29C020(C) | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES |
| W29F002U | YES | YES | YES | YES |
| W39F010 | YES | YES | YES | YES |
| W39L512 | YES | YES | YES | YES |
| W39L010 | YES | YES | YES | YES |
| W39L020 | NA | YES | YES | YES |
| W39L040 | NA | YES | YES | YES |
| W39L040A | NA | YES | YES | YES |
| W39L040B | NA | YES | NA | NA |
| W39L040C | NA | YES | NA | NA |
| W39V040FA/A | YES | YES | YES | YES |
| W39V040FB/B | NA | YES | YES | YES |
| W39V040FC/C | NA | YES | NA | YES |
| W39V080FA /A | NA | YES | YES | YES |
| W49F002U | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES |
| W49F102 | YES | YES | YES | NA |
| W49F201 | YES | NA | YES | YES |
| W49L102 | YES | YES | YES | YES |
| W49L201 | YES | YES | YES | YES |
| W49L401 | YES | YES | YES | YES |
| W49V002A/W49V002 | YES | YES | YES | YES |
| W49V002FA/W49V002F | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



| WINBOND PART # SPIFLASH | HI-LO SYSTEM EQUIPMENT | | |
|----------------------------|------------------------|--------------|---------|
| | ALL-11 | GANG-08P2 | ALL-100 |
| W15B020/040 | YES | YES | YES |
| W15B020L/M | YES | YES | YES |
| W15B040L/M | YES | YES | YES |
| W25B40A | YES | NA | NA |
| W25B40 / NX25B40 | YES | NA | YES |
| W25P10 / NX25P10 | YES | NA | YES |
| W25P16 / NX25P16 | YES | NA | YES |
| W25P20 / NX25P20 | YES | YES(NX25P20) | YES |
| W25P40 / NX25P40 | YES | YES(NX25P40) | YES |
| W25P80 | 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

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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 Email:sales@farnell.com
 Web :www.farnell.com

| Winbond Part # Parallel | ICE MODEL | | | |
|----------------------------|----------------------|------------------|------------------|---------------|
| | Speedmaster GLV32 | Micromaster LV48 | SpeedMaster SM48 | EPMaster EP48 |
| W19B(L)320SBT/STT | NA | YES | YES | YES |
| W27E257/W27C257 | YES | YES | YES | NA |
| W27E512/W27C512 | YES | YES | YES | NA |
| W27E010/W27C010 | YES | YES | YES | NA |
| W27E020/W27C020(M) | YES | YES | YES | NA |
| W27E040 | YES | YES | YES | NA |
| W27L010 | YES | YES | YES | NA |
| W27C4096/W27E4096 | NA | YES | YES | NA |
| W27E520/C520/L520 | NA | YES | YES | NA |
| W27C512 | NA | YES | YES | NA |
| W28V400(BT/TT) | NA | YES | YES | NA |
| W28J800(BT/TT) | NA | YES | YES | NA |
| W28J160(BT/TT) | NA | YES | YES | NA |
| W28J320(BT/TT) | NA | YES | YES | NA |
| W29EE512/W29C512A | NA | YES | YES | NA |
| W29EE011/W29C011A | NA | YES | YES | NA |
| W29C020(C) | YES | YES | YES | NA |
| W29C040 | YES | YES | YES | NA |
| W29C101 | NA | YES | YES | NA |
| W29C102 | NA | YES | YES | NA |
| W29F102 | NA | YES | YES | NA |
| W39F010 | NA | YES | YES | NA |
| W39L010 | NA | YES | NA | NA |
| W39L020 | NA | YES | YES | NA |
| W39L040 | NA | YES | YES | NA |
| W39V040FA | NA | NA | NA | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| Winbond Part # Parallel | ICE MODEL | | | |
|----------------------------|----------------------|------------------|------------------|---------------|
| | Speedmaster GLV32 | Micromaster LV48 | SpeedMaster SM48 | EPMaster EP48 |
| W49F002U | NA | YES | YES | NA |
| W49F020 | YES | YES | YES | NA |
| W49F102 | NA | YES | YES | NA |
| W49F201 | NA | YES | YES | NA |
| W49L102 | NA | YES | YES | NA |
| W49L201 | NA | YES | YES | NA |
| W49L401 | NA | YES | YES | NA |
| W49V002A/W49V002 | NA | YES | YES | NA |
| W49V002FA/W49V002F | NA | YES | YES | NA |

| Winbond Part # SpiFlash | ICE Technology Ltd. |
|----------------------------|---|
| | Micromaster LV48 · Speedmaster SM48 · Speedmaster GLV32 |
| W25P10 / NX25P10 | YES |
| W25P20 / NX25P20 | YES |
| W25P40 / NX25P40 | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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Web :www.leap.org

| WINBOND PARALLEL | LEAP EQUIPMENT | |
|----------------------------|----------------|-----------|
| | SU-2000 | LEAPER-48 |
| W15B020 / 040 | YES | YES |
| W19B800A | YES | NA |
| W19B160ATT | YES | YES |
| W19B160ABT | YES | YES |
| W19B(L)SBT/STT/SBB/STB | YES | YES |
| W19B322~324MBT/MTT/MBB/MTB | NA | YES |
| W19B320ATT/ABT | YES | YES |
| W27E257/W27C257 | YES | YES |
| W27E512/W27C512 | YES | YES |
| W27E010/W27C010 | YES | YES |
| W27E020/W27C020(M) | YES | YES |
| W27E040 | YES | YES |
| W27E01/L01 | YES | YES |
| W27E02/L02 | YES | YES |
| W27L010 | YES | YES |
| W27C4096/W27E4096 | YES | YES |
| W27E520/W27C520/W27L520 | YES | YES |
| W28J800 (BT/TT) | YES | YES |
| W28J160 (BT/TT) | YES | YES |
| W28J320 (BT/TT) | YES | YES |
| W28F321 (BT/TT) | YES | YES |
| W28F641 (BT/TT) | YES | YES |
| W29EE512/W29C512A | YES | YES |
| W29EE011/W29C011A | YES | YES |
| W29C010 | YES | YES |
| W29C020(C) | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| WINBOND PARALLEL | LEAP EQUIPMENT | |
|---------------------|----------------|-----------|
| | SU-2000 | LEAPER-48 |
| W29C040 | YES | YES |
| W29EE512/011 | YES | YES |
| W39D040A | NA | YES |
| W39F010 | YES | YES |
| W39L512/010/020/040 | YES | YES |
| W39L040A | YES | YES |
| W39L040B(C) | YES | YES |
| W39V040A | YES | YES |
| W39V040FA | YES | YES |
| W39V040FB/B | YES | YES |
| W39V080FA/A | YES | YES |
| W49F002U | YES | YES |
| W49F102/020 | YES | YES |
| W49L102 | YES | YES |
| W49V002A | YES | YES |
| W49V002FA | NA | YES |
| W49V002FAP | YES | YES |

| WINBOND PART # SPIFLASH | LEAP ELECTRONIC CO., LTD. |
|----------------------------|---------------------------|
| | SU-2000/ LEAPER-48 |
| W25X20VSIG | YES |
| W25X40VSIG | YES |
| W25X80VSIG | YES |
| W25X16VSIG | YES |
| W25X32VSIG | YES |
| W25X32VSIG | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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PO BOX 8400 Dever, CO 80201 USA

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Fax:303-813-9019

Web:www.logicaldevices.com

| WINBOND PART # PARALLEL | LOGICAL DEVICES | | | | |
|----------------------------|-----------------|---------------|-----------|------------|---------------------------------|
| | Chipmast5200U | Chipmast5800U | XPRO3000U | Gangpro848 | ChipMaster-6000XP (with upgrde) |
| W19B800AB | NA | NA | NA | YES | YES |
| W19B160AB | NA | NA | NA | NA | YES |
| W19B(L)320 | YES | NA | YES | NA | YES |
| W19B(L)322-324M(S) | NA | YES | YES | YES | YES |
| W27E257/W27C257 | YES | YES | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES | NA |
| W27E020/W27C020(M) | YES | YES | YES | YES | NA |
| W27E01/L01 | YES | YES | YES | YES | YES |
| W27E02/L02 | YES | YES | YES | YES | YES |
| W27E040 | YES | YES | YES | YES | YES |
| W27F256 | NA | NA | NA | NA | YES |
| W27L010 | YES | YES | YES | YES | YES |
| W27C4096/W27E4096 | YES | YES | YES | YES | NA |
| W27E520/W27C520/W27L520 | YES | YES | YES | YES | YES |
| W28V400 | YES | YES | YES | YES | YES |
| W28J800 | YES | YES | YES | YES | YES |
| W28J160 | YES | YES | YES | YES | YES |
| W28J161 | YES | YES | YES | NA | NA |
| W28J320 | YES | YES | YES | YES | YES |
| W28J321 | YES | YES | YES | NA | NA |
| W29C010 | YES | YES | YES | YES | NA |
| W29C020(C) | YES | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES | YES |
| W29C102 | NA | NA | NA | YES | YES |
| W29EE512/W29C512A | YES | YES | YES | YES | YES |
| W29EE010 | YES | NA | NA | NA | NA |
| W29EE011/W29C011A | YES | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| WINBOND PART # PARALLEL | LOGICAL DEVICES | | | | |
|----------------------------|-----------------|---------------|-----------|------------|---------------------------------|
| | Chipmast5200U | Chipmast5800U | XPRO3000U | Gangpro848 | ChipMaster-6000XP (with upgrde) |
| W29EE012 | YES | NA | YES | NA | YES |
| W29F040 | YES | NA | YES | NA | NA |
| W39F010 | YES | YES | YES | YES | YES |
| W39L512 | YES | YES | YES | YES | NA |
| W39L010 | YES | YES | YES | YES | YES |
| W39L020 | YES | YES | YES | YES | YES |
| W39L040 | YES | YES | YES | YES | YES |
| W39V040 | YES | YES | YES | YES | YES |
| W39V040FA/FB | YES | YES | YES | YES | YES |
| W39V080A/FA | YES | NA | YES | YES | YES |
| W49F002B/N/U | YES | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES | YES |
| W49F102 | YES | YES | YES | YES | YES |
| W49F201 | YES | YES | YES | YES | YES |
| W49L102 | YES | YES | YES | YES | YES |
| W49L201 | YES | YES | YES | YES | YES |
| W49L401 | YES | YES | YES | YES | YES |
| W49V002A/W49V002 | YES | YES | YES | NA | YES |
| W49V002FA/W49V002F | YES | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # PARALLEL | MINATO ELECTRONICS INC. | | | |
|----------------------------|-------------------------|-----------|------|------|
| | 1881UXP | 1893/1931 | 1940 | 1894 |
| W19B800AB/AT | YES | NA | NA | NA |
| W19B160AB/AT | YES | NA | NA | NA |
| W19B320AB/AT/SB/ST | YES | YES | YES | YES |
| W19B322-324MTT/MBT | YES | YES | YES | YES |
| W19L320SB/ST | YES | NA | NA | NA |
| W27C4096/W27E4096 | YES | YES | NA | NA |
| W27C010 | YES | YES | NA | NA |
| W27C020/(M) | YES | YES | NA | NA |
| W27C257 | YES | NA | NA | NA |
| W27C512 | NA | YES | NA | NA |
| W27C520 | YES | NA | NA | NA |
| W27E257(P)/W27C257 | NA | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES |
| W27E020/W27C020(M) | NA | YES | YES | NA |
| W27E040 | NA | YES | YES | YES |
| W27E01/L01 | YES | YES | YES | YES |
| W27E02/L02 | YES | YES | YES | YES |
| W27L010 | NA | YES | NA | NA |
| W27E4096 | NA | NA | NA | NA |
| W27E520/W27C520/W27L520 | NA | NA | NA | NA |
| W27F010 | YES | NA | NA | NA |
| W27F256 | YES | NA | NA | NA |
| W27F512 | YES | NA | NA | NA |
| W27L520 | YES | NA | NA | NA |
| W29E512(P)/W29C512A | NA | YES | YES | YES |
| W29E011/W29C011A | NA | YES | YES | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



Continued

| WINBOND PART # PARALLEL | MINATO ELECTRONICS INC. | | | |
|----------------------------|-------------------------|-----------|------|------|
| | 1881UXP | 1893/1931 | 1940 | 1894 |
| W29C010/1 | YES | YES | YES | YES |
| W29C011A | YES | YES | NA | YES |
| W29C020(C) | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES |
| W29C102 | YES | YES | YES | NA |
| W29EE011 | YES | YES | YES | NA |
| W29EE010 | NA | NA | YES | NA |
| W29EE512 | YES | NA | YES | YES |
| W29F102 | NA | YES | YES | YES |
| W39F010 | YES | YES | YES | NA |
| W39L512 | NA | YES | YES | YES |
| W39L010 | YES | YES | YES | NA |
| W39L020(A)/040 | YES | YES | YES | YES |
| W39L040A/B/C | YES | NA | YES | NA |
| W39L512 | YES | NA | YES | YES |
| W39V040FA | YES | YES | YES | YES |
| W39V040A | YES | YES | YES | YES |
| W39V040FB/B | YES | NA | NA | NA |
| W39V040FC/C | YES | NA | NA | NA |
| W39V080FA/A | YES | NA | NA | NA |
| W39V080FB/B | YES | NA | NA | NA |
| W49F002U | YES | YES | YES | YES |
| W49F020(P) | YES | YES | NA | NA |
| W49F102(P)/(Q) | YES | YES | YES | NA |
| W49F201(T) | YES | YES | YES | NA |
| W49L102(P)/(Q) | YES | YES | YES | YES |
| W49L201T | YES | NA | YES | YES |
| W49L401 | YES | YES | YES | NA |
| W49V002(A)/(F)/(FA) | YES | YES | YES | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



| WINBOND PART # SPIFLASH | MINATO ELECTRONICS INC. | | | |
|----------------------------|-------------------------|-----------|------|------|
| | 1881XP | 1893/1931 | 1940 | 1894 |
| W25B020/040 | 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 | YES | NA | NA | NA |
| W25P20 | YES | NA | NA | NA |
| W25P40 | YES | NA | YES | NA |
| W25P80 | YES | NA | YES | NA |
| W25P16 | YES | NA | YES | NA |
| W25P32 | YES | NA | NA | NA |
| W25X10 | YES | NA | NA | NA |
| W25X20 | YES | NA | NA | NA |
| W25X40 | YES | NA | NA | NA |
| W25X32 | YES | NA | NA | NA |
| W25X64 | YES | NA | NA | NA |
| W25X20 | YES | NA | NA | NA |
| W25X40 | YES | NA | NA | NA |
| W25X80 | YES | NA | YES | NA |
| W25X16 | YES | NA | NA | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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Web :www.mqp.com

| WINBOND PART # PARALLEL | MQP ELECTRONICS | |
|----------------------------|-----------------|-------------|
| | PIN-MATER 48 | SYSTEM 2000 |
| W27E257 | YES | NA |
| W27C512/W27E512 | YES | YES |
| W27E010 | YES | YES |
| W27E020 | YES | YES |
| W27E040 | YES | YES |
| W29C020(C) | YES | YES |
| W29C040 | YES | NA |
| W29EE512 | YES | YES |
| W29EE010 | YES | YES |
| W29EE011 | YES | YES |
| W39V040FA | YES | NA |
| W49F002A/FA | YES | NA |
| W49F002U | YES | NA |
| W49L102 | NA | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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Email: sales@needhams.com

Web : www.needhams.com

| WINBOND PART # PARALLEL | NEEDHAM'S ELECTRONICS | | | |
|----------------------------|-----------------------|--------|--------|---------|
| | EMP-11 | EMP-21 | EMP-31 | EMP-300 |
| W27E257/W27C257 | YES | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES |
| W27E020/W27C020(M) | YES | YES | YES | YES |
| W27E040 | YES | YES | YES | YES |
| W27L01(0) / W27L02(0) | YES | YES | YES | YES |
| W27C4096/W27E4096 | NA | NA | NA | NA |
| W27E520/W27C520/W27L520 | NA | YES | YES | YES |
| W29EE512/W29C512A | YES | YES | YES | YES |
| W29EE011/W29C011A | YES | YES | YES | YES |
| W29EE021 | YES | YES | YES | YES |
| W29C020(C) | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES |
| W39F010 | NA | NA | NA | NA |
| W39L512 | NA | NA | NA | NA |
| W39L010 | NA | NA | NA | NA |
| W39L020 | YES | YES | YES | YES |
| W39L040 | NA | NA | NA | NA |
| W39V040FA | NA | YES | YES | YES |
| W49F002U | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES |
| W49F102 | NA | NA | NA | NA |
| W49F201 | NA | NA | NA | NA |
| W49L102 | NA | NA | NA | NA |
| W49L201 | NA | NA | NA | NA |
| W49L401 | NA | NA | NA | NA |
| W49V002A/W49V002 | NA | YES | YES | YES |
| W49V002FA/W49V002F | NA | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



| WINBOND PART # SPIFLASH | NEEDHAM'S ELECTRONICS | | | |
|----------------------------|------------------------------------|-----|-----|-----|
| | EMP-11 · EMP-21 · EMP-31 · EMP-300 | | | |
| 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 / NX25X40 | YES | YES | YES | YES |
| W25X80 / NX25X80 | YES | YES | YES | YES |
| W28X16 / NX25X16 | YES | YES | YES | YES |

Stag Programmers Ltd.

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Web : www.stag.co.uk

| WINBOND PART # | STAG PROGRAMMERS LTD. | | | | | |
|-------------------------|-----------------------|------|------|------|-------------|---------|
| | PARALLEL | P301 | P801 | P803 | QUASAR PLUS | QRBIT48 |
| W19B320ATT | | NA | NA | YES | NA | NA |
| W27E257/W27C257 | | YES | YES | YES | YES | YES |
| W27E512/W27C512 | | YES | YES | YES | YES | YES |
| W27E010/W27C010 | | YES | YES | YES | YES | YES |
| W27E020/W27C020(M) | | NA | YES | YES | YES | YES |
| W27E040 | | NA | YES | YES | YES | NA |
| W27L010 | | NA | NA | NA | YES | NA |
| W27C4096/W27E4096 | | NA | YES | YES | YES | NA |
| W27E520/W27C520/W27L520 | | NA | NA | NA | NA | NA |
| W29EE512/W29C512A | | NA | YES | YES | YES | NA |
| W29EE010 | | NA | NA | NA | YES | NA |
| W29EE011/W29C011A | | NA | YES | YES | YES | NA |
| W29C010 | | NA | YES | YES | YES | NA |
| W29C102 | | NA | YES | NA | YES | NA |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # | STAG PROGRAMMERS LTD. | | | | |
|----------------|-----------------------|------|------|-------------|---------|
| PARALLEL | P301 | P801 | P803 | QUASAR PLUS | QRBIT48 |
| W29C020(C) | NA | YES | YES | YES | NA |
| W29C040 | NA | YES | YES | YES | NA |
| W29F102 | NA | NA | NA | YES | NA |
| W39F010 | NA | YES | YES | NA | NA |
| W39L512 | NA | NA | NA | NA | NA |
| W39L010 | NA | NA | NA | NA | NA |
| W39L020 | NA | NA | NA | NA | NA |
| W39L040 | NA | NA | NA | NA | NA |
| W39V040FA | NA | NA | NA | NA | NA |
| W49F002 | NA | YES | NA | NA | NA |
| W49F002U | NA | YES | YES | YES | NA |
| W49F020 | NA | YES | YES | YES | NA |
| W49F102 | NA | NA | NA | NA | NA |
| W49F201 | NA | YES | YES | NA | NA |
| W49L102 | NA | YES | YES | YES | NA |
| W49L201 | NA | YES | YES | NA | NA |
| W49L401 | NA | NA | NA | NA | NA |
| W49V002 | NA | YES | YES | YES | NA |
| W49V002F | NA | YES | YES | YES | NA |

| WINBOND PART # | STAG PROGRAMMERS LTD. | |
|------------------|-----------------------|--|
| SPIFLASH | P803 | |
| W25P10 / NX25P10 | YES | |
| W25P20 / NX25P20 | YES | |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # | SYSTEM GENERAL | | | | |
|--------------------|----------------|------------|-----------|-------|-------|
| | M-APRO | TURPRO-848 | POWER LAB | T7000 | T9600 |
| W15B020/040 | NA | NA | YES | YES | YES |
| W19B160ATT/ABT | NA | NA | YES | NA | YES |
| W19B(L)320SB/ST | NA | NA | YES | YES | YES |
| W19B(L)320STB/SBB | NA | NA | NA | NA | YES |
| W19B320ATT/ABT | NA | NA | YES | NA | YES |
| W19B800AB/AT | NA | NA | NA | YES | YES |
| W25B20 | NA | NA | NA | YES | YES |
| W25B40 | NA | NA | NA | NA | YES |
| W25B40-C | NA | NA | NA | NA | YES |
| W25D40 | NA | NA | NA | YES | YES |
| W25D80 | NA | NA | NA | YES | YES |
| W25P10 | NA | NA | NA | NA | YES |
| W25P16 | NA | NA | NA | YES | YES |
| W25P20 | NA | NA | NA | NA | YES |
| W25P40 | NA | NA | NA | NA | YES |
| W25P80 | NA | NA | NA | YES | YES |
| W25X10 | NA | NA | NA | YES | YES |
| W25X16 | 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 |
| W27E257/W27C257 | YES | YES | YES | NA | YES |
| W27E512/W27C512 | YES | YES | YES | YES | YES |
| W27E010/W27C010 | YES | YES | YES | YES | YES |
| W27E020/W27C020(M) | YES | YES | YES | NA | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # | SYSTEM GENERAL | | | | |
|-------------------------|----------------|------------|-----------|-------|-------|
| | M-APRO | TURPRO-848 | POWER LAB | T7000 | T9600 |
| W27E0257 | NA | NA | NA | NA | YES |
| W27E040 | YES | YES | NA | YES | NA |
| W27L010 | YES | YES | YES | NA | YES |
| W27C4096/W27E4096 | YES | YES | NA | NA | YES |
| W27E520/W27C520/W27L520 | YES | YES | NA | NA | NA |
| W27F256 | YES | NA | NA | NA | NA |
| W27F512 | YES | NA | NA | NA | NA |
| W28V400 | NA | NA | NA | YES | YES |
| W28J160 | NA | NA | YES | YES | YES |
| W28J161 | NA | NA | YES | NA | YES |
| W28J320 | NA | NA | YES | YES | YES |
| W28J321 | NA | NA | YES | YES | YES |
| W28F321 | NA | NA | YES | YES | YES |
| W28F641 | NA | NA | YES | YES | YES |
| W28J800B/T | NA | YES | YES | YES | YES |
| W29EE512/W29C512A | YES | YES | YES | YES | YES |
| W29EE011/W29C011A | YES | YES | YES | YES | YES |
| W29C010M(P) | YES | YES | YES | YES | YES |
| W29C020(C) | YES | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES | YES |
| W29C101 | YES | YES | NA | NA | NA |
| W29C102 | YES | YES | NA | YES | YES |
| W29F102 | YES | YES | NA | NA | NA |
| W39D040A | NA | NA | NA | YES | YES |
| W39F010 | YES | NA | YES | YES | YES |
| W39L512 | YES | YES | YES | YES | YES |
| W39L010 | NA | YES | YES | YES | YES |
| W39L020 | YES | YES | YES | YES | YES |
| W39L020A | NA | NA | NA | NA | YES |
| W39L040 | YES | NA | YES | YES | YES |
| W39L040A | NA | NA | YES | YES | YES |
| W39V040AP | NA | YES | NA | NA | YES |
| W39L040B | NA | NA | NA | NA | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # | SYSTEM GENERAL | | | | |
|--------------------|----------------|------------|-----------|-------|-------|
| | M-APRO | TURPRO-848 | POWER LAB | T7000 | T9600 |
| W39L040C | NA | NA | NA | YES | YES |
| W39V040A | YES | NA | NA | NA | YES |
| W39V040BP | NA | NA | NA | NA | YES |
| W39V040C | NA | NA | NA | NA | YES |
| W39V040FA(P) | YES | YES | YES | YES | YES |
| W39V040FB | NA | NA | YES | YES | YES |
| W39V040FC | NA | NA | NA | YES | YES |
| W39V080A(P) | NA | NA | NA | YES | YES |
| W39V080FA | NA | NA | YES | YES | YES |
| W49F002U | YES | YES | YES | YES | YES |
| W49F020 | NA | YES | NA | NA | NA |
| W49F102 | YES | YES | NA | NA | NA |
| W49F102Q | NA | YES | NA | NA | NA |
| W49F201 | NA | NA | NA | NA | NA |
| W49L102 | NA | NA | NA | NA | NA |
| W49L102Q | NA | YES | NA | NA | NA |
| W49L201 | NA | NA | NA | NA | NA |
| W49L401 | NA | NA | NA | NA | NA |
| W49V002A/W49V002 | YES | YES | YES | YES | YES |
| W49V002FA/W49V002F | YES | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # PARALLEL | XELTEK INC. | | | |
|----------------------------|------------------|------------------|-------------------|------------------|
| | SUPERPRO 280U | SUPERPRO 580U | SUPERPRO 3000U | SUPERPRO 9000 |
| W19B320AT/SB/ST | NA | YES | YES | YES |
| W19B322~324MBT/MTT | NA | YES | YES | YES |
| W27C01/ W27C010 | YES | YES | YES | YES |
| W27C02/ W27C020(M) | NA | NA | NA | NA |
| W27C4096 | YES | YES | YES | YES |
| W27C512/W27C520 | YES | YES | YES | YES |
| W27E257/W27C257 | YES | YES | YES | YES |
| W27E512/W27C512 | YES | YES | YES | YES |
| W27E01/W27C010 | YES | YES | YES | YES |
| W27E020/W27C020 | YES | YES | YES | YES |
| W27E040 | YES | YES | YES | YES |
| W27E01/L01/E010 | YES | YES | YES | YES |
| W27E02/L02/E020 | YES | YES | YES | YES |
| W27L520 | YES | YES | YES | YES |
| W27L01/010 | YES | YES | YES | YES |
| W27L02 | YES | YES | YES | YES |
| W27E4096 | YES | YES | YES | YES |
| W27E520/C520/L520 | YES | YES | YES | YES |
| W29C010 | YES | YES | YES | YES |
| W29C011A | YES | YES | YES | YES |
| W29C020(C) | YES | YES | YES | YES |
| W29C040 | YES | YES | YES | YES |
| W29C101/W29C102 | YES | YES | YES | YES |
| W29EE512/W29C512A | YES | YES | YES | YES |
| W29EE010 | YES | YES | YES | YES |
| W29EE011/W29C011A | YES | YES | YES | YES |
| W29EE012 | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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| WINBOND PART # PARALLEL | XELTEK INC. | | | |
|----------------------------|------------------|------------------|-------------------|------------------|
| | SUPERPRO 280U | SUPERPRO 580U | SUPERPRO 3000U | SUPERPRO 9000 |
| W29F010 | YES | YES | YES | YES |
| W29F102 | YES | YES | YES | YES |
| W29F040 | YES | YES | YES | YES |
| W39F010 | YES | YES | YES | YES |
| W39L512 | YES | YES | YES | YES |
| W39L010 | YES | YES | YES | YES |
| W39L020 | YES | YES | YES | YES |
| W39L040 | YES | YES | YES | YES |
| W39L102 | YES | YES | YES | YES |
| W39L512P | YES | YES | NA | NA |
| W39L040A | YES | YES | YES | YES |
| W39L040B | NA | NA | NA | NA |
| W39L040C | NA | NA | NA | NA |
| W39L320SB/ST | YES | YES | YES | YES |
| W39V040A/B/C/FA/FB/FC | YES | YES | YES | YES |
| W39V080A(Q)/FA(P)/FA(T) | YES | YES | YES | YES |
| W49F002/2B/2N/2U | YES | YES | YES | YES |
| W49F020 | YES | YES | YES | YES |
| W49F102 | YES | YES | YES | YES |
| W49F201 | YES | YES | YES | YES |
| W49L102 | YES | YES | YES | YES |
| W49L201 | YES | YES | YES | YES |
| W49L401/1T | YES | YES | YES | YES |
| W49V002A/FA/FP/P | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



| WINBOND PART # SPIFLASH | XELTEK INC. | | | |
|----------------------------|------------------|------------------|-------------------|-------------------|
| | SUPERPRO 280U | SUPERPRO 580U | SUPERPRO 3000U | SUPERPRO 9000U |
| W25B40(A) / NX25B40(A) | YES | YES | YES | YES |
| W25P10 / NX25P10 | YES | YES | YES | YES |
| W25P16 / NX25P16 | 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 / NX25X10 | YES | YES | YES | YES |
| W25X20 / NX25X20 | YES | YES | YES | YES |
| W25X40 / NX25X40 | YES | YES | YES | YES |
| W/25X80 / NX25X80 | YES | YES | YES | YES |
| W25X16 / NX25X16 | YES | YES | YES | YES |
| W25X32 / NX25X32 | YES | YES | YES | YES |
| W25X64 / NX25X64 | YES | YES | YES | YES |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



VERSION HISTORY

| VERSION | DATE | PAGE | DESCRIPTION |
|---------|----------------|--------|--|
| 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 | Sep. 24, 2001 | All | Update part list |
| A8 | Nov. 9, 2001 | 18 | Update part list |
| A9 | Aug. 26, 2002 | All | Remove old parts and update new parts |
| A10 | Mar. 10, 2003 | All | Update new parts |
| A11 | Jun. 13, 2003 | All | Update new parts (add in W28J series) |
| A12 | Oct. 6, 2003 | All | Update new parts (add in W19 series) |
| A13 | Feb. 6, 2004 | All | Updated new parts (add in W19 series) |
| A14 | JAN. 27, 2005 | All | Updated new parts (add in W39V040FB/B, W39V080FA/A and W15B020/040 series) |
| A15 | Jul. 15 , 2005 | All | Updated new parts (add W39V040FB/B, W39V080FA/A , W15B020/040 W19B800A/160A/320A series) |
| A16 | Mar. 03, 2006 | All | Updated new parts & Add SpiFlash Series. |
| A17 | Mar. 14, 2007 | All | Updated new parts |

EPROM & FLASH PROGRAMMER FIRMWARE SUPPORTING



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