Original upa usb programmer / UUSP-S

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| UUSP-S (UPA-USB Serial Programmer-S) | |
| - USB 2.0 and USB 3.0 compatible - No power supply required  - In-circuit connector including 6 general purpose I/Os, overcurrent protected (40mA) - 30 pins adapter connector including 20 general purpose I/Os & 6 I/Os from in-circuit connector - One 1.2V-5V power supply output, program controlled, overcurrent (300mA) and overvoltage protected - One 8-13V/1mA output, program controlled  - Supports low voltage devices down to 1.2V - Self-Test option - Can be used with TMS and BDM Lockout Disable adapters - Small dimensions 5.5x11.5cm |  |

Supported Devices  
**Fujitsu:**MB90F351, MB90F352, MB90F357, MB90F543, MB90F546, MB90F548, MB90F549, MB90F897, MB91F058, MB91F060, MB91F061, MB91F062, MB91F067, MB91F223, MB91F224, MB91F463C, MB91F464, MB91F465,MB91F467B, MB91F467C, MB91F467D, MB91F467S, MB91F522, MB91F523, MB91F524, MB91F525, MB91F526,MB91F575, MB91F577, MB91F578, MB91F579, MB91F591, MB91F592, MB91F594, MB91F596, MB91F597, MB91F599, MB96F348H, MB96F385, MB96F386, MB96F387, MB96F673, MB96F675, MB96F683, MB96F685, MB96F693, MB96F695, MB96F696, MB96F6A5, MB96F6A6  **Renesas V850:** uPD70F3237, uPD70F3276, uPD70F3333, uPD70F3334, uPD70F3335, uPD70F3336, uPD70F3340, uPD70F3341, uPD70F3342, uPD70F3343, uPD70F3344, uPD70F3345, uPD70F3346, uPD70F3347, uPD70F3348, uPD70F3350, uPD70F3351, uPD70F3352, uPD70F3353, uPD70F3354, uPD70F3355, uPD70F3356, uPD70F3357, uPD70F3358, uPD70F3364, uPD70F3365, uPD70F3366, uPD70F3367, uPD70F3368, uPD70F3370A, uPD70F3371, uPD70F3372, uPD70F3373, uPD70F3374, uPD70F3375, uPD70F3376A, uPD70F3377A, uPD70F3378, uPD70F3379, uPD70F3380, uPD70F3381, uPD70F3382, uPD70F3383, uPD70F3384, uPD70F3385, uPD70F3421, uPD70F3422, uPD70F3423, uPD70F3424, uPD70F3425, uPD70F3426A, uPD70F3427, uPD70F3464, uPD70F3465, uPD70F3466, uPD70F3469, uPD70F3470, uPD70F3471, uPD70F3472, uPD70F3505A, uPD70F3506, uPD70F3507, uPD70F3508, uPD70F3509, uPD70F3522, uPD70F3523, uPD70F3524, uPD70F3525, uPD70F3526, uPD70F3529, uPD70F3532, uPD70F3535, uPD70F3536, uPD70F3537, uPD70F3548, uPD70F3549, uPD70F3550, uPD70F3551, uPD70F3552, uPD70F3553, uPD70F3554, uPD70F3555, uPD70F3556, uPD70F3557, uPD70F3558, uPD70F3559, uPD70F3560, uPD70F3561, uPD70F3564, uPD70F3570, uPD70F3571, uPD70F3572, uPD70F3573, uPD70F3574, uPD70F3575, uPD70F3576, uPD70F3577, uPD70F3578, uPD70F3579, uPD70F3580, uPD70F3582, uPD70F3583, uPD70F3584, uPD70F3585, uPD70F3592, uPD70F3623, uPD70F3624, uPD70F3625, uPD70F3626, uPD70F3627, uPD70F3628, uPD70F3629, uPD70F3630, uPD70F3631, uPD70F3632, uPD70F3633, uPD70F3634, uPD70F3635, uPD70F3636, uPD70F3637, uPD70F3638, uPD70F3736, uPD70F4000, uPD70F4001, uPD70F4002, uPD70F4003, uPD70F4004, uPD70F4005, uPD70F4006, uPD70F4007, uPD70F4008, uPD70F4009, uPD70F4010, uPD70F4011, uPD70F4012  
**Freescale HCS08:** MC9S08DZ16, MC9S08DZ32, MC9S08DZ48, MC9S08DZ60, MC9S08AW16, MC9S08AW32, MC9S08AW48, MC9S08AW60, MC9S08GB60  
**Freescale MAC7200:** MAC7241, MAC7242  
**Infineon XC2300:** XC2060N-40F, XC2060M-104F, XC2336B-24F, XC2336B-40F, XC2361A-56F, XC2361A72F, XC2363A-56F, XC2363A-72F, XC2364A-56F,  
XC2364A-72F, XC2364A-104F, XC2365A-56F, XC2365A-72F, XC2365A-104F, XC2361B-24F, XC2361B-40F, XC2363B-24F, XC2363B-40F, XC2364B-24F,  
XC2364B-40F, XC2365B-24F, XC2365B-40F, XC2336A-56F, XC2336A-72F, XC2265N-16F, XC2265N-24F, XC2265N-40F  
**Freescale MPC5600:** MPC5604C, MPC5604P, MPC5606B, MPC5601P, MPC5602P, MPC5603P, MPC5605B, MPC5607B  
**Freescale 9S12:** MC9S12G48, MC9S12G64, MC9S12G96, MC9S12G128, MC9S12G192, MC9S12G240  
**STMicroelectronics SPC56P:** SPC560P44, SPC560P50, SPC560P34, SPC560P40, SPC560P54, SPC560P60, SPC56AP54, SPC56AP60  
**STMicroelectronics ST62\*:**ST6240, ST6245, ST6249  
**NSC CR16\*:**CR16HCS5(9), CR16MCS5(9), CR16MES5(9), CR16MFS5(9), CR16MCT5/9, CR16HCT5/9   
**Motorola HC05\*:** MC68HC05B6, MC68HC05B8, MC68HC05B16, MC68HC705B16, MC68HC05B32, MC68HC05E6, MC68HC705E6, MC68HC05H12, MC68HC05L28, MC68HC05P3, MC68HC705P3\*,MC68HC05X16, MC68HC05X32  
**Motorola HC08\*:** MC68HC08AS20, MC68HC08AS32, MC68HC08AS60, MC68HC08AZ32, MC68HC(9)08AZ32A, MC68HC908AZ60, MC68HC908AZ60A  
**Motorola HC11\*:** MC68HC11A1, MC68HC11A8, MC68HC11E9, MC68HC11EA9, MC68HC11E20, MC68HC11F1, MC68HC11K4, MC68HC11KA2, MC68HC11KA4, MC68HC11KG4, MC68HC11KS2, MC68HC11KS8, MC68HC11L6, MC68HC11P2, MC68HC11PA8, MC68HC11PH8  
**Motorola HC12\*:** MC68HC912B32, MC68HC912BE32, MC68HC912D60, MC68HC912D60A, MC68HC912DC128A, MC68HC912DG128, MC68HC912DG128A  
**Motorola/Freescale 9S12(X/E):** MC9S12A128, MC9S12B128, MC9S12C128, MC9S12C16, MC9S12C32, MC9S12C64, MC9S12C96, MC9S12D64, MC9S12DG128, MC9S12DG256, MC9S12DP512, MC9S12H128, MC9S12H256, MC9S12HA32, MC9S12HA48, MC9S12HA64, MC9S12HY32, MC9S12HY48,  
MC9S12HY64, MC9S12HZ128, MC9S12HZ256, MC9S12HZ64, MC9S12P128, MC9S12P32, MC9S12P64, MC9S12P96, MC9S12XA128, MC9S12XA256,  
MC9S12XA512, MC9S12XB128, MC9S12XB256, MC9S12XD128, MC9S12XD256, MC9S12XD64, MC9S12XDG128, MC9S12XDP384, MC9S12XDP512, MC9S12XDQ256, MC9S12XDT256, MC9S12XDT384, MC9S12XDT512, MC9S12XEG128, MC9S12XEP100, MC9S12XEP768, MC9S12XEQ384, MC9S12XEQ512,  
MC9S12XET256, MC9S12XHY128, MC9S12XHY256, MC9S12XHZ256, MC9S12XHZ384, MC9S12XHZ512, MC9S12XS64, MC9S12XS128, MC9S12XS256  
**Atmel 8051 Architecture:** AT89S51, AT89S52, AT89S53, AT89S8252, AT89S8253  
**Atmel AVR 8-Bit Risk:** AT90S1200, AT90S2313, AT90S2323, AT90S2333, AT90S2343, AT90S4433, AT90S4434, AT90S8515, AT90S8535, ATmega8, ATmega16, ATmega161, ATmega162,  ATmega163, ATmega323, ATmega64, ATmega103,  ATmega128, ATtiny12, ATtiny15, ATtiny2313, ATmega8515, ATmega8535, ATmega48, ATmega88, ATmega168,ATmega169, ATmega328, ATMEGA32A  
**Microchip PIC12:** PIC12F508, PIC12F509, PIC12F629, PIC12F675  
**Microchip PIC16:** PIC16F627(A), PIC16F628(A), PIC16F648A, PIC16F72, PIC16F73,  PIC16F74, PIC16F76, PIC16F77, PIC16F818, PIC16F819, PIC16F83, PIC16F84(A), PIC16F870, PIC16F871, PIC16F872, PIC16F873(A), PIC16F874(A), PIC16F876(A), PIC16F877(A), PIC16F913, PIC16F914, PIC16F916, PIC16F917, PIC16F946, PIC16F87, PIC16F88, PIC16F1933, PIC16F1934, PIC16F1936, PIC16F1937, PIC16F1938, PIC16F1939, PIC16F1946, PIC16F1947  
**EEPROMs I2C:** 24C01, 24C02, 24C04, 24C08, 24C16, 24C32, 24C64, 24C65, 24C128, 24C256, 24C512, 85C72, 85C82, 85C92, BAW574252, GRM-003, GRM-004, GRM-005, KKZ-06F, MCM2814, PCA8581, PCF8581, PCF8582, PCF8594, PCF8598, PCF85102, PCF85116, SDA2516, SDA2526, SDA2546, X24C00, X24C01, 24C1024, 24C1025   
**EEPROMs Microwire:** 7002, 93C06, 93C14, 93C46, 93C56, 93C57, 93C66, 93C76, 93C86, 93S46, 93S56, 93S66, GRN-001, GRO-002, KKZ-01, S220, S2914, ST61907, XLS93C46  
**EEPROMs SPI:** M35080, 25C010, 25C020, 25C040, 25C080, 25C128, 25C160, 25C256, 25C320, 25C640, ST95010, ST95020, ST95040, ST95080, ST95160, ST95320, ST95640, ST95P02, ST95P04, ST95P08, X5043, X5045, 25LC512, 25LC1024  
**EEPROMs Miscellaneous:** CXK1011, CXK1012, CXK1013, M6M80011, M6M80021, M6M80041, SDE2506, TC89101, TC89102, 77005, 77007, BR9010, BR9020, BR9040, CAT64LC10, CAT64LC20, CAT64LC40, S-29190A, S-29290A ,S-29390A  
**Serial Flash SPI:** M25P05, M25P10, M25P20, M25P40, M25P80,  A25L512, A25L010, A25L020, A25L040, A25L080, A25L016, A25L032, SST25VF512A, SST25VF010A, SST25VF020B, SST25VF040B, SST25VF080B, SST25VF016B, SST25VF032B, S25FL004A, S25FL008A, S25FL016A, S25FL032A, S25FL064A, M95M01, M95M02

\*EEPROM Only  
\*\*D-Flash Memory only  
\*\*\*Read only