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TO : MINATO REPRESENTATIVE

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>>>>>>> N O T I F I C A T I O N <<<<<<<<

SUBJECT: MODEL 1891/1892 UPDATE (V4.2)

Dear Sirs,

We below and as per attached wish to inform you of the update of model 1891/1892 V4.2, which starts to be released now. Please note that this revision has the following conditions;

1. Version up this time includes 16 bit flash memory support, but the programming executes in 8 bit unit. (intel 28F200/ 400BX, Am29F100/200/400, etc.) Thus, these devices are supported, not by type 9140A, but by type 9132A, so swap programming function with MSB and LSB, is not supported. Also, adapters such as H910 -39 and -40, which are used with these devices, do not support silicon signature function. The signature operations must be taken care because high voltage is output to address A8 of the device, which may cause the device breakage.
2. 28F001BX-T, 28F001BX-B need a special convertor called H910-38.
3. AMD/FUJITSU's 29F series sector protection function is not supported.
4. ATMEL's 29CXXA series boot block function is not supported.
5. SHARP's LH28F004/400 block lock function is not supported.
6. Sub adapter part shows the type only for devices which are programmed with convertors.
7. WARNING !

For the devices which have no DIP package such as 28F004BX, 28F008SA, etc., IC socket's signal configurations are individually arranged for type 9132A. Thus, it is requested to consult us previously when other vendors' conversion adapters are going to be used, since in many cases it is not possible to do the programming.

8. MASTER ROM RELEASE

We are ready to provide you with the master ROM, so you will please consult us when required.

THAT'S ALL !

Device Name	Code	Capacity	Pin	Sub Adapter	Programmer Version
AMD					
Am28F256A	D51B	32K x8	32		4.13
Am28F512A	D616	64K x8	32		4.13
Am29F100T	D714	128K x8	-	H910-39 H910-40	4.13
Am29F100B	D715	128K x8	-	H910-39 H910-40	4.13
Am29F200T	D812	256K x8	-	H910-39 H910-40	4.13
Am29F200B	D813	256K x8	-	H910-39 H910-40	4.13
Am29F400T	D912	512K x8	-	H910-39 H910-40	4.13
Am29F400B	D913	512K x8	-	H910-39 H910-40	4.13
Am29F040	D926	512K x8	32		4.13
ATMEL					
AT28C010	D72E	128K x8	32		4.04c
AT29C020	D826	256K x8	32		4.12
AT29LV020	D827	256K x8	32		4.12
AT29C040A	D929	512K x8	32		4.12
AT29LV040A	D92A	512K x8	32		4.12
AT29LV040	D927	512K x8	32		4.1
AT27C516	E640	64K x16	40		4.12
AT29C1024	D716	64K x16	40		4.12
AT29LV1024	D717	64K x16	40		4.12
CATALYST					
CAT28F010	D735	128K x8	32		4.1
CAT28F020	D825	256K x8	32		4.1
CYPRESS					
CY27C256	E524	32K x8	28		4.04
CY27H512	E613	64K x8	28		4.1
CY7C286	E620	64K x8	28		3.3
CY27H010	E750	128K x8	32		4.04
CY27H1024	E781	64K x16	40		4.1
FUJITSU					
MBM29F200T	D816	256K x8	-	H910-39 H910-40	4.13
MBM29F200B	D817	256K x8	-	H910-39 H910-40	4.13
MBM29F400TA	D919	512K x8	-	H910-39 H910-40	4.13
MBM29F400BA	D91A	512K x8	-	H910-39 H910-40	4.13
MBM29F040	D928	512K x8	32		4.1
MBM29F040A	D928	512K x8	32		4.13
MBM29F080	DA24	1M x8	-	H910-37 H910-46	4.13

Device Name Code Capacity Pin Sub Adapter Programmer Version

HITACHI

HN58C1001 D72A 128K x8 32 4.1

INTEL

D726 128K x8 - H910-38 4.1
 D727 128K x8 - H910-38 4.1
 D810 128K x16 - H910-39 4.1
 D811 128K x16 - H910-39 4.1
 D810 128K x16 - H910-44 4.1
 D811 128K x16 - H910-44 4.1
 D822 256K x8 - H910-41 4.1
 D823 256K x8 - H910-41 4.1
 D910 256K x16 - H910-39 4.1
 D911 256K x16 - H910-39 4.1
 D910 256K x16 - H910-44 4.1
 D911 256K x16 - H910-44 4.1
 D922 512K x8 - H910-41 4.1
 D923 512K x8 - H910-41 4.1
 DA21 1M x8 - H910-29 4.1
 DA21 1M x8 - H910-29 4.1
 28F001BX-T D726 128K x8 - H910-38 4.1
 28F001BX-B D727 128K x8 - H910-38 4.1
 28F200BX-T D810 128K x16 - H910-39 4.1
 28F200BX-B D811 128K x16 - H910-39 4.1
 28F200CX-T D810 128K x16 - H910-44 4.1
 28F200CX-B D811 128K x16 - H910-44 4.1
 28F002BX-T D822 256K x8 - H910-41 4.1
 28F002BX-B D823 256K x8 - H910-41 4.1
 28F400BX-T D910 256K x16 - H910-39 4.1
 28F400BX-B D911 256K x16 - H910-39 4.1
 28F400CX-T D910 256K x16 - H910-44 4.1
 28F400CX-B D911 256K x16 - H910-44 4.1
 28F004BX-T D922 512K x8 - H910-41 4.1
 28F004BX-B D923 512K x8 - H910-41 4.1
 28F008SA DA21 1M x8 - H910-29 4.1
 28F008SV DA21 1M x8 - H910-29 4.1

I.S.S.I.

IS27HC010 E73E 128K x8 32 4.02

MACRONICS

MX27C1001 E73E 128K x8 32 4.1
 MX27C4100 E948 256K x16 - H910-1 4.04
 MX27C4096 E91B 256K x16 40 4.04
 MX28F1000 D733 128K x8 32 4.1

MITSUBISHI

M5M27C400 E947 512K x8 40 4.02
 M5M28F400 D914 512K x8 - H910-1 4.1
 H910-27

N.S.

NM27C240 E91C 256K x16 40 4.04

Device Name	Code	Capacity	Pin	Sub Adapter	Programmer Version
SHARP					
LH28F004SUT-Z1	D92B	512K x8	-	H910-41	4.2
LH28F400SUT-Z1(5v)	DA22	512K x8	-	H910-39	4.2
LH28F400SUT-LC15(3v)	DA22	512K x8	-	H910-39	4.2
LH28F008SA	DA22	1M x8	-	H910-29	H910-30 4.1
LH28F800SUT	DA23	1M x8	-	H910-47	4.12
SEIKO					
S-27C256A	E514	32K x8	28		4.1
S-27C512A	E613	64K x8	28		4.1
S-27C1000A	E73C	128K x8	32		4.1
S-27C4000	E92F	512K x8	32		4.1
SGS-THOMSON					
M28F410	D915	512K x8	-	H910-39	H910-40 4.1
M28V410	D915	512K x8	-	H910-39	H910-40 4.1
M28F420	D916	512K x8	-	H910-39	H910-40 4.1
M28V420	D916	512K x8	-	H910-39	H910-40 4.1
M27C801	EA23	1M x8	32		4.1
SST					
29EE512	D617	64K x8	32		4.1
29EE010	D734	128K x8	32		4.1
29SF040	D92C	128K x8	32		4.2
T . I .					
TMS28F200BZ-T	D814	256K x8	-	H910-39	H910-40 4.1
TMS28F200BZ-B	D815	256K x8	-	H910-39	H910-40 4.1
TMS28F400BZ-T	D917	512K x8	-	H910-39	H910-40 4.1
TMS28F400BX-B	D918	512K x8	-	H910-39	H910-40 4.1
W . S . I .					
WS57C51B	E41C	16K x8	28		4.01
WS57C51C	E41E	16K x8	28		4.01
WS57C71C	E51E	32K x8	28	GA91-14	4.01
WS57C010F	E751	128K x8	32		4.04

* TYPE 9132A DEVICE MAP

The type 9132A device code is classified shown as below;

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* * * * *
* 16Kbit EP-ROM/EEP-ROM * * * * *
*
*   E1xx D113 D116 D117 *
*   D118 D119           * * *
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* 32Kbit EP-ROM           * * * * OTHERS
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*   E2xx                 * * * * D11A D11B D315 D316 *
* * * * * * * * * * * * * * * *
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* * * * * * * * * * * * * * * *
* 64Kbit EP-ROM/EEP-ROM * * * * 8Mbit EP-ROM/EEP-ROM*
* (28pin)                *
* * * * * * * * * * * * * * * *
*   E311 E312 E313 E314 *
*   E317 E318 E31A E31B *
*   E31C E325 E328 E32B *
*   D3xx                 * * * * 4Mbit EEPROM
* * * * * * * * * * * * * * * *
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* * * * * * * * * * * * * * * *
* 64Kbit EP-ROM (24pin) * * * *
*
*   E31D E31E E320 E321 *
*   E324 E326 E327 E329 *
*   E32A                 * * * *
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* 128Kbit EP-ROM        * * * *
*
*   E4xx                 * * * *
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* 256Kbit EP-ROM/EEP-ROM* * * *
*
*   E5xx D5xx           * * * *
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* 512Kbit EP-ROM/EEP-ROM* * * *
*
*   E6xx D6xx           * * * *
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* * * * * * * * * * * * * * * *
* 1Mbit EP-ROM/EEP-ROM * * * *
* (32pin)                *
*
*   E72x E73x E75x     *
*   D72x D73x         * * * * * * * *
* * * * * * * * * * * * * * * *
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