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TO : MINATO REPRESENTATIVE

Date: March 2, 1995
DOC NO.: 03021995

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

SUBJECT: MODEL 1891/1892 UPDATE (V4.1)

Dear Sirs,

We below and as per attached wish to inform you of the update of model 1891/1892 V4.1, which starts to be released now.

1. NEW DEVICE SUPPORT

Am28F256A	Am28F512A	Am29F100T	Am29F100B
Am29F200T	Am29F200B	Am29F400T	Am29F400B
AT29LV040	CAT28F010	CAT28F020	CY27C256
CY27H512	CY27H010	CY27H1024	MBM29F040
28F001BX-T	28F001BX-B	28F002BX-T	28F002BX-B
28F004BX-T	28F004BX-B	28F200BX-T	28F200BX-B
28F400BX-T	28F400BX-B	28F008SA	28F008SV
M5M28F400	MX27C1001	MX27C4100	MX27C4096
MX28F1000	NM27C240	LH28F008SA	S-27C1000A
S-27C4000	M28F410	M28F420	M28V410
M28V420	M27C801	29EE512	29EE010
TMS28F200BZ-T	TMS28F200BZ-B	TMS28F400BZ-T	TMS28F400BX-B
WS57C51B	WS57C51C	WS57C010F	

2. PROGRAMMING SPEC. CHANGE

AT28C010 LH57512

3. SILICON SIGNATURE SUPPORT

uPD27C8000

4. CORRECTION

Checking conditions are changed in terms of a few devices such as uPD27C4001, etc. because these were incorrect in device checking.

Operations on HN58C1001 and MX27C1001 were corrected.

5. ADDITIONAL DEVICE SUPPORT

The following devices are the same as what are currently supported in programming, so we add these to the new device list;

S-27C256A S-27C512A

6. NOTE !

This time of update has limitation that programming of x 16 bit flash memories is done in 8 bit unit. (such as intel's 28F200/400BX, AMD's 29F100/200/400, etc.) Thease devices are supported not by type 9140A, but by type 9132A, so the function of programming after swapping upper byte and lower byte is not supported.

While, H910-39/40 which are used for these devices do not support silicon signature. When operations for the signature are done, you will please take complete care of high voltage output at address A8 in these devices.

intel's 28F001BX-T and 28F001BX-B need specified conversion adapter, i.e. H910-38.

AMD's flash memories 29F series sector protection function is not supported.

Devices which do not show its sub adapters (conversion adapters) do not need them.

7. WARNING !

IC socket's signal configurations of OU-910 are individually arranged for the devices which have no DIP package such as 28F004BX and 28F008SA, etc. Thus, you must consult us previously when you try to use other vendors' conversion adapters since in many cases it is impossible to do that.

8. RELEASE OF MASTER ROM

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		4.1
Am28F512A	D616	64K x8	32		4.1
Am29F100T	D714	128K x8	-	H910-40	4.1
Am29F100B	D715	128K x8	-	H910-40	4.1
Am29F200T	D812	256K x8	-	H910-40	4.1
Am29F200B	D813	256K x8	-	H910-40	4.1
Am29F400T	D912	512K x8	-	H910-40	4.1
Am29F400B	D913	512K x8	-	H910-40	4.1
ATMEL					
AT29LV040	D927	512K x8	32		4.1
AT28C010	D72E	128K x8	32		4.04c
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
CY27H010	E750	28K x8	32		4.04
CY27H1024	E781	64K x16	40		4.1
FUJITSU					
MBM29F040	D928	512K x8	32		4.1
HITACHI					
HN58C1001	D72A	128K x8	32		4.1

Device Name	Code	Capacity	Pin	Sub Adapter		Programmer Version
INTEL						
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	H910-40	4.1
28F200BX-B	D811	128K x16	-	H910-39	H910-40	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	H910-40	4.1
28F400BX-B	D911	256K x16	-	H910-39	H910-40	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	H910-30	4.1
28F008SV	DA21	1M x8	-	H910-29	H910-30	4.1
MACRONICS						
MX27C1001	E73F	128K x8	32			4.1
MX27C4100	E948	256K x16	-	H910-1	H910-7	4.04
MX27C4096	E91B	256K x16	40			4.04
MX28F1000	D733	128K x8	32			4.1
MITSUBISHI						
M5M28F400	D914	512K x8	-	H910-27		4.1
N.S.						
NM27C240	E91C	256K x16	40			4.04
SHARP						
LH28F008SA	DA22	1M x8	-	H910-29	H910-30	4.1
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

Device Name	Code	Capacity	Pin	Sub Adapter	Programmer Version
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
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