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TO : MINATO REPRESENTATIVE

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

SUBJECT: OU-910 UPDATE (V4.1)

Dear Sirs,

We below and as per attached wish to inform you of the update of OU-910 V4.1, which starts to be released now.

1. NEW DEVICE SUPPORT

Am28F256A	Am28F512A	Am29F100T	Am29F100B
Am29F200T	Am29F200B	Am29F400T	Am29F400B
AT29LV040	AT27C4096	AT89C52	CAT28F020
CY27HC256	CY27HC512	CY27H1024	
MBM29F040	MB89P195	IS27HC010	
M5M27C400	M5M28F400		
MX27C1001	MX27C4100	MX27C4096	MX28F1000
NM27C240	LH28F008SA		
M28F410	M28F420	M28V410	M28V420
M27C801	29EE512	29EE010	
TMS28F200BZ-T	TMS28F200BZ-B	TMS28F400BZ-T	TMS28F400BX-B
WS57C51B	WS57C51C	WS57C010F	

2. PROGRAMMING SPEC. CHANGE

CY7C286 AT28C010

3. 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 S-27C1000A S-27C4000

4. 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.) These devices are supported by this unit OU-910, so the function of programming after swapping upper byte and lower byte is not supported.

While, H910-19/27 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.

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.

MB89P195 adapter, ROM-28SOP-28DP-8L is a Sunhayato product.

5. 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 perform the programming.

6. 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
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AMD

Am28F256A	D51B	32K x8	32		4.1
Am28F512A	D616	64K x8	32		4.1
Am29F100T	D714	128K x8	-	H910-27	4.1
Am29F100B	D715	128K x8	-	H910-27	4.1
Am29F200T	D812	256K x8	-	H910-27	4.1
Am29F200B	D813	256K x8	-	H910-27	4.1
Am29F400T	D912	512K x8	-	H910-27	4.1
Am29F400B	D913	512K x8	-	H910-27	4.1

ATMEL

AT29LV040	D927	512K x8	32		4.1
AT27C4096	E91A	256K x16	40		4.1
AT28C010	D72E	128K x8	32		4.08c
AT89C52	C317	8K x8	40	OU902	4.1
AT89C52(5V)	C318	8K x8	40	OU902	4.1

CATALYST

CAT28F010	D720	128K x8	32		-
CAT28F020	D825	256K x8	32		4.1

CYPRESS

CY27C256	E524	32K x8	28		4.1
CY7C286	E620	64K x8	28		4.08b
CY27H512	E613	64K x8	28		4.1
CY27H1024	E781	64K x16	40		4.1

FUJITSU

MBM29F040	D928	512K x8	32		4.1
MB89P195	B5F0	32K x8	-	ROM-28SOP-28DP-8L	4.1

ISSI

IS27HC010	E73E	128K x8	32		4.1
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Device Name	Code	Capacity	Pin	Sub Adapter	Programmer Version
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MACRONICS

MX27C1001	E73F	128K x8	32		4.08b
MX27C4100	E948	256K x16	-	H910-1 H910-7	4.08b
MX27C4096	E91B	256K x16	40		4.08b
MX28F1000	D733	128K x8	32		4.08b

MITSUBISHI

M5M27C400	E947	512K x8	-	H910-1 H910-7	4.1
M5M28F400	D914	512K x8	-	H910-27	4.1

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NM27C240	E91C	256K x16	40		4.08b
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SHARP

LH28F008SA	DA22	1M x8	-	H910-29 H910-30	4.1
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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	-	H910-19 H910-27	4.1
M28V410	D915	512K x8	-	H910-19 H910-27	4.1
M28F420	D916	512K x8	-	H910-19 H910-27	4.1
M28V420	D916	512K x8	-	H910-19 H910-27	4.1
M27C801	EA23	1M x8	32		4.1

Device Name	Code	Capacity	Pin	Sub Adapter	Programmer Version
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SST

29EE512	D617	64K x8	32		4.1
29EE010	D734	128K x8	32		4.1

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TMS28F200BZ-T	D814	256K x8	-	H910-19	H910-27	4.1
TMS28F200BZ-B	D815	256K x8	-	H910-19	H910-27	4.1
TMS28F400BZ-T	D917	512K x8	-	H910-19	H910-27	4.1
TMS28F400BX-B	D918	512K x8	-	H910-19	H910-27	4.1

WSI

WS57C51B	E41C	16K x8	28	H910-36		4.08a
WS57C51C	E41E	16K x8	28	H910-36		4.08a
WS57C71C	E51E	32K x8	28			4.08c
WS57C010F	E751	128K x8	32			4.08b