HITACHI SEMICONDUCTOR TECHNICAL UPDATE

Classification of Production	Development Environment					No	TN-EML-081A/E	
THEME	Information on a Malfunction when Using the E10A Emulator on the High-speed Host Computer and a Countermeasure	Classification of Information		1. Spec change 2. Supplement of Documents ③ Limitation of Use		4. Change of Mask 5. Change of Production Line		
PRODUCT NAME	SH7410, SH7612, SH7622, SH2-DSP ASIC, SH7615, SH7616, SH7729, SH7709A, SH7729R, SH7709S, SH7706, SH7727, SH7750, SH7750S, SH7751, SH7750R, SH7751R, SH7047F, H8S/2339F	Lot No.				Rev.	Effective Date	
		All lots	Reference Documents	None		—	Permanent	

In the E10A emulator, there is a malfunction that the emulator does not operate correctly when using the host computer with high-speed frequencies.

[Countermeasure]
It will be needed to exchange the driver of the E10A emulator card.

We will modify this malfunction and register the software on Hitachi's internet homepage.
If you need the updated version immediately, ask Hitachi's sales agent.
We will provide the file to be replaced in the floppy disk.

URL:
http://www.hitachisemiconductor.com/sic/jsp/japan/eng/products/mpumcu/tool/download/e10a.html

(The type numbers of the target products are described on the attachment.)

[The list of the type numbers of the target products]

Device name	Product name	Version	Type number
SH7410 SH7612	SH7612 E10A Emulator	V1.00	HS7410KCM01H
			HS7410KCI01H
SH7622	SH7622 E10A Emulator	V1.01	HS7622KCM01H
			HS7622KCM02H
			HS7622KCI01H
			HS7622KCI02H
SH2-DSP ASIC	SH2-DSP ASIC E10A Emulator	V1.00	HS0760KCM01H
			HS0760KCM02H
			HS0760KCI01H
			HS0760KCI02H
SH7615	SH7615 E10A Emulator	V2.01	HS7615KCM01H
			HS7615KCI01H
SH7616	SH7616 E10A Emulator	V1.00	HS7616KCM01H
			HS7616KCI01H
SH7729 SH7709A	SH7729 E10A Emulator	V3.00	HS7729KCM01H
			HS7729KCM02H
			HS7729KCI01H
			HS7729KCI02H
SH7729R SH7709S	SH7729R E10A Emulator	V1.01	HS7729RKCM01H
			HS7729RKCM02H
			HS7729RKCI01H
			HS7729RKCI02H
SH7706	SH7706 E10A Emulator	V1.00	HS7706KCM01H
			HS7706KCM02H
			HS7706KCI01H
			HS7706KCI02H
SH7727	SH7727 E10A Emulator	V1.00	HS7727KCM01H
			HS7727KCM02H
			HS7727KCI01H
			HS7727KCI02H
SH7750 SH7750S	SH7750 E10A Emulator	V4.00	HS7750KCM01H
			HS7750KCI01H
SH7751	SH7751 E10A Emulator	V2.00	HS7751KCM01H
			HS7751KCM02H
			HS7751KCI01H
			HS7751KCI02H
SH7750R	SH7750R E10A Emulator	V1.00	HS7750RKCM01H
			HS7750RKCI01H
SH7751R	SH7751R E10A Emulator	V1.00	HS7751RKCM01H
			HS7751RKCM02H
			HS7751RKCI01H
			HS7751RKCI02H
SH7047F	SH7047F E10A Emulator	V1.00	HS7047KCM01H
			HS7047KCM02H
			HS7047KCI01H
			HS7047KCI02H
H8S/2339F	H8S/2339F E10A Emulator	V1.00	HS2339KCM01H
			HS2339KCI01H

Note: All products with the previous version written in the list are the target.