

# HITACHI SEMICONDUCTOR TECHNICAL UPDATE

Classification of Production	MPU		No	TN-SH7-424A/E	Rev	1
THEME	SH7751/SH7751R MD pin status	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	SH7751, SH7751R	Lot No.	Reference Documents	SH7751 series Hardware manual Rev3.0 (ADE-602-201B)	Effective Date	
		ALL			Eternity	

There are notes about MD9 and MD10 pins in Appendix D Pin Functions in the SH7751 series hardware manual. Please refer the following tables.

Table D.2. Pin States in Reset, Power-Down State, and Bus-Released State (PCI Enable)

Pin name	I/O	Reset(Power on)	
		HOST	non HOST
PCIREQ2#/MD9	I/O	I *19	I *19
PCIREQ3#/MD10	I/O	I *19	I *19

\*19: Pullup by on-chip pullup resistor. Note that this cannot be used for pullup of the mode pin during a power-on reset. Pullup or pulldown should be performed externally to the SH-4.

Table D.3. Pin States in Reset, Power-Down State, and Bus-Released State (PCI Disable)

Pin name	I/O	Reset(Power on)
PCIREQ2#/MD9	I/O	I *19
PCIREQ3#/MD10	I/O	I *19

\*19: Pullup by on-chip pullup resistor. Note that this cannot be used for pullup of the mode pin during a power-on reset. Pullup or pulldown should be performed externally to the SH-4.