S1C17 Manual errata

ITEM: Appendix D Measures Against Noise				
Object manuals	Document codes	Items		Pages
S1C17M20/M21/M22/M23/ M24/M25 Technical Manual	413557000	Appendix D Measures Against Noise		AP-D-1
S1C17M40 Technical Manual	413895200	Appendix D Measures Against Noise		AP-D-1
S1C17F63 Technical Manual	413942900	Appendix D Measures Against Noise		AP-D-1

（Error）

No description

（Correct）

Noise Measures for input terminals connected to signals with high drive capability such as power supplies

If there are terminals that are directly connected to the output of a power supply or a device with high drive capability, a large current may flow due to noise entering these terminals. In such a case insert a resistor of 30Ω or more in series to protect the terminals. Determine the resistance value after evaluation on the mounting board. When connecting the power supply directly to the VREFA terminal, insert a 100Ω resistor in series. In this case, there is no effect on the characteristics of the ADC.

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ITEM: Corrective operation when a value out of the effective range is set			
Object manuals	Document codes	Items	Pages
S1C17M01Technical Manual	412361701	8.4.2 Real-Time Clock Counter Operations	8-4
S1C17M10Technical Manual	413180200	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17M20/M21/M22/M23/M24/M25Technical Manual	413557000	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17M30/M31/M32/M33/M34Technical Manual	413495601	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17M40Technical Manual	413895200	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17W03/W04Technical Manual	412925001	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17W12/13Technical Manual	413520201	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17W14/W16Technical Manual	412910300	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17W15Technical Manual	412645702	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17W18Technical Manual	413129601	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17W22/W23Technical Manual	412690402	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17W34/W35/W36Technical Manual	413237901	9.4.2 Real-Time Clock Counter Operations	9-4
S1C17F63Technical Manual	413942900	21.4.2Real-Time Clock Function	21-6

(Error)

Corrective operation when a value out of the effective range is set

When a value out of the effective range is set to the year, day of the week, or hour (in 24H mode) counter, the counter will be cleared to 0 at the next count-up timing. When a such value is set to the month, day, or hour (in 12H mode) counter, the counter will be set to 1 at the next count-up timing.

(Correct)

Corrective operation when a value out of the effective range is set

When a value out of the effective range is set to the year, day of the week, or hour (in 24H mode) counter, the counter will be cleared to 0 at the next count-up timing <u>of the counter</u>. When a such value is set to the month, day, or hour (in 12H mode) counter, the counter will be set to 1 at the next count-up timing <u>of the counter</u>.

Note: <u>RTCMON.RTCMOH bits=0 & RTCMON.RTCMOL[3:0] bits=0x0 are prohibited.</u>