

ATTN :

№.ST13-80
May, 22 2013
SEIKO EPSON CORPORATION
TD • CS Quality Assurance Dept.

Product Name: FA-20HS

Subject: ESD and MSL

Thank you for choosing Seiko Epson Corp. as your Timing Device supplier.
We would like to report our reply about above issue as below.

1) E.S.D

·Machine Model
JEDEC JESD22-A115-A
(C=200 pF;R=0 Ω) : > ±400 Volt

·Human Body Model
JESD22-A114D
(C=100 pF;R=1 500 Ω) : > ±2000 Volt

Criterion : Frequency change rate exceeded $\pm 2 \times 10^{-6}$

2) MSL
FA-20HS MSL 1