

Press Release

Optimization of Quartz-Oscillator will lead to:

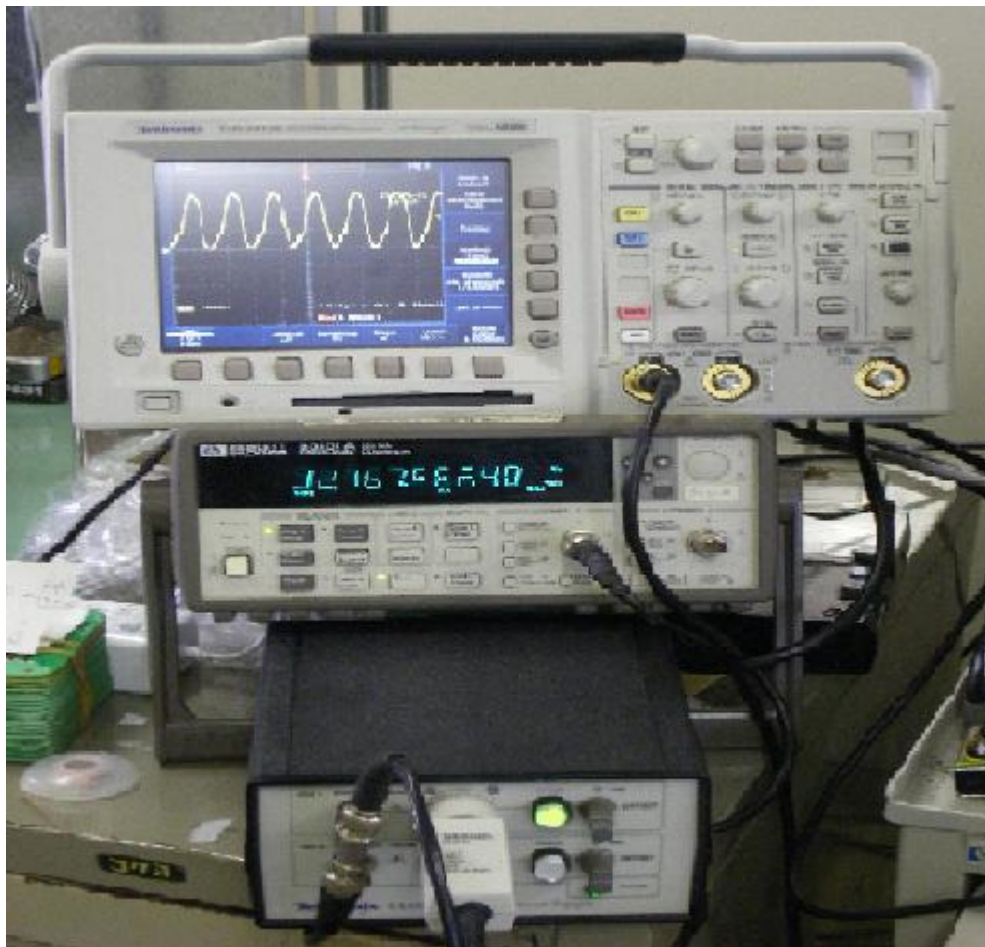
- improved reliability in start-up and Operation
- reduced current consumption
- improved noise susceptibility

Optimization of your Quartz-Oscillator for FREE by Seiko Instruments

Under the topic of a Circuit Matching Programme Seiko Instruments is offering a free of charge service to their Quartz Crystal customers. This service includes the analysis of the schematic, the components and their dimensioning, the PCB layout and where applicable, recommendations for the optimization of the whole setup. This service is willingly accepted because out of energy saving reasons only small power is available for the operation of a quartz oscillator. With the appropriate dimensioning of load capacitance and series resistor for current limiting a fast oscillation start-up and reliable control of oscillation frequency is ensured, and Seiko Instruments supports these efforts with the here described service.

For clarification of your oscillators parameters get in contact with:
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Ready made „Circuit Matching Reports“ with a range of popular processors from Renesas, NEC and Fujitsu may be found under the www.sii-crystal.com link.



Test set-up for quartz circuit matching service



Tuning-Fork Quartz Crystals in various packages

Contact:

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