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| Division of Electrical, Information and Communication Engineering  | Research field   | Interface Device | Lab. ID |
|  |  |                  | EI06    |
| Laboratory web site  | <a href="http://ifdl.ip/">http://ifdl.ip/</a>                                |                  |         |
| Research subjects  |  |                  |         |
| <p>Recent development of the computers and the ICT technologies realize the drastic advances of our daily life and social systems. They are extending their application areas from inside the virtual world to the physical, real world. The technologies related to the extended ICT application areas are also extended from the software technology to the hardware and the physical technologies.</p> <p>In our laboratory, we hold the LSI (large scale integrated circuits) technologies as a tool for system implementation, and aim at realizing the interface device, between man and machine, man and machine, or machine and man. In order to realize the target interface device, we use the possible technologies for implementation, including the specially designed LSIs, as well as the conventional electronic circuit components.</p> |  |                  |         |
| Master/Doctor course: Education policy, curriculum, typical activity in the laboratory   |  |                  |         |
| <ol style="list-style-type: none"> <li>1. Setting Target: application systems of interface devices, especially those that deeply related to human interface.</li> <li>2. Choosing Tools: implementation technologies, such as PCB design, MCU circuit, LSI design, 3D modeling.</li> <li>3. Evaluation: evaluate the implemented system, especially how worth for human usability.</li> </ol>  |  |                  |         |
| Daily life in the laboratory, etc.   |  |                  |         |
| We provide training program for MCU, electronic building, and LSI design. The students' office desk are shuffled twice a year, so the students as to share the knowledges and skills.  |  |                  |         |
| Message or comments by the laboratory faculty staffs   |  |                  |         |
| Let us aim at realizing the actually worth systems and devices for human beings, with having the wide technical and social viewpoints.   |  |                  |         |
| Laboratory mail address  | <a href="mailto:akita@is.t.kanazawa-u.ac.jp">akita@is.t.kanazawa-u.ac.jp</a> |                  |         |