IP-unit of ALU with double precision FPU
Brief datasheet.

1. **Name.**

ALU_FLOAT_64.

2. **Prescription.**

IP- unit ALU_FLOAT_64 is designed for operations flow under operands presented in the format of floating-point double precision in accordance with IEEE 754 standard requirements**.**

3. **List of operations.**

- Addition;
- Subtraction;
- Multiplication;
- Division;
- Square-rooting;
- Larger drawing;
- Lesser drawing;
- Absolute value;

4. **Rounding state.**

To proximal cardinal.

5. **Characteristics of technical implementation.**

In the process of operations flow results return of multiplication operations may be delayed in terms of results return of other operations specified in article 3