**time**

**time**

**SIS-timing master**

**ESR-timing master**

**preparation**

**preparation**

**Timing Generator**

**Phase synchronization**

**ESR Group DDS**

**ESR Group DDS**

**SIS18 Ext kicker control electronics**

**ESR Inj kicker control electronics**

**Event from the**

**timing master**

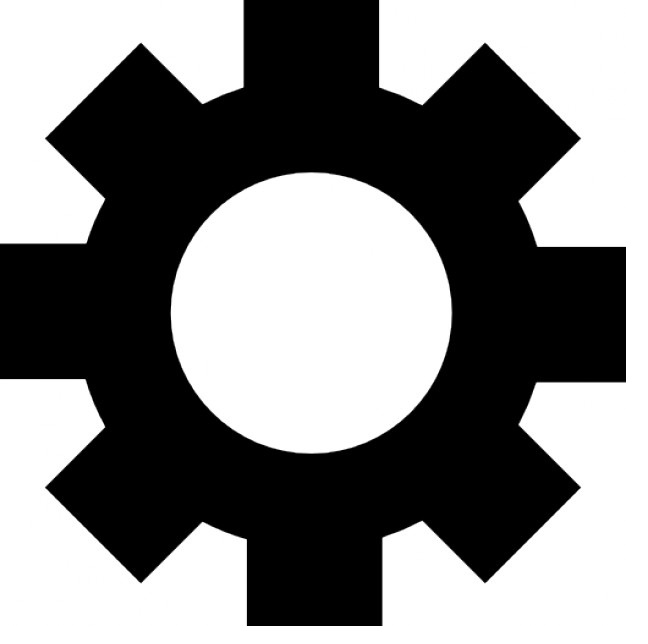
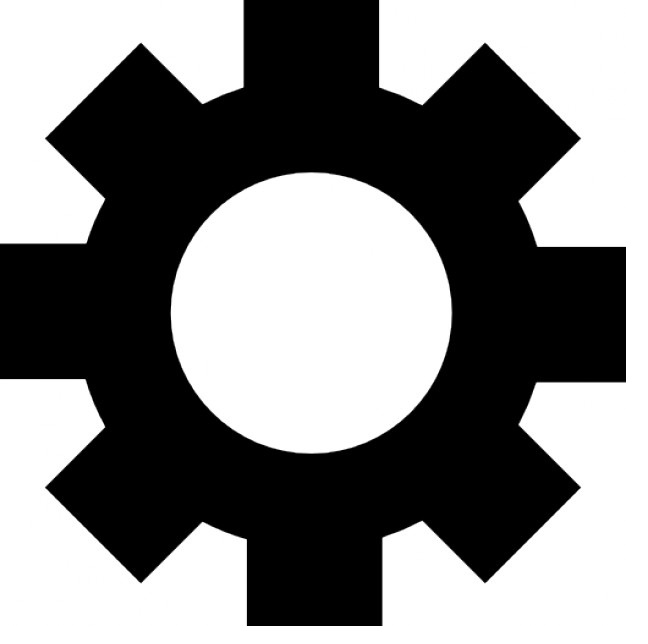
**Digital signal**

**Extraction kicker charge event**

**SIS18 Group DDS**

**Extratcion kicker delay**

**Delay for phase match**

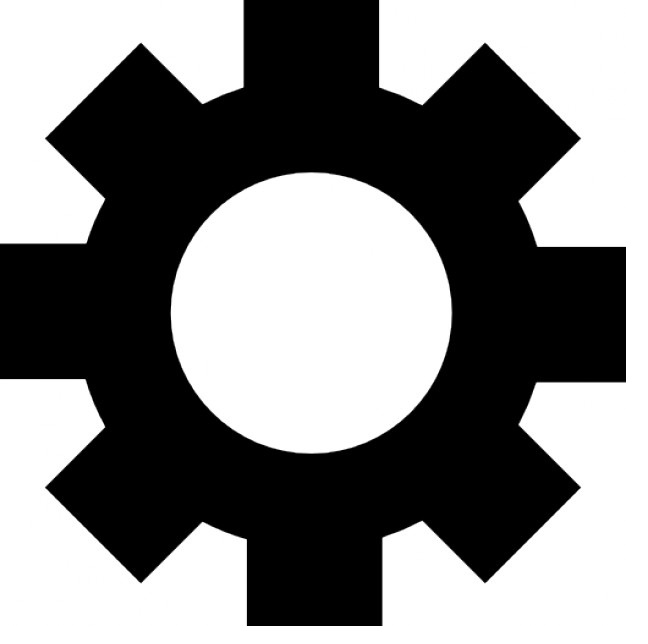


2nd

AND

1st

AND



**Injection kicker charge event**

**Injection kicker delay**