

sc_uint< 8 >

```
classDiagram
    class sc_uint_8["sc_uint< 8 >"]
    class fir8s_parameters
    sc_uint_8 o-- "1" fir8s_parameters
```

The diagram shows two classes. The top class, `sc_uint< 8 >`, is represented by a white rectangle with a black border and is divided into three horizontal sections. The bottom class, `fir8s_parameters`, is represented by a gray rectangle with a black border and is also divided into three horizontal sections. A vertical line connects the bottom of the `sc_uint< 8 >` class to the top of the `fir8s_parameters` class. This line ends in a hollow diamond on the `fir8s_parameters` side, indicating an aggregation relationship. To the right of this line, the text `+shift` and `+sample_tmp` is displayed, likely representing attributes or methods associated with the relationship.

+shift
+sample_tmp

fir8s_parameters