

```
25     if (swap) {
26         valDAC = 4096 - valADC;
27     } else {
28         valDAC = valADC;
29     }
30
31     DAC0->DAT->DATL = DAC_DATL_DATA0((valDAC)) ;    //Set DAC Output
32     DAC0->DAT->DATH = DAC_DATH_DATA1((valDAC >> 8) &0x0F) ;    //Set DAC Output
33
34     swap = !swap;
```