

ADC

Functions

```
void taskADCsample (uint32_t ADC_base, uint32_t Sample_Sequencer, uint32_t *ADC_queue)
```

Detailed Description

adc.c - ADC driver module.

Function Documentation

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void taskADCsample ( uint32_t  ADC_base,  
                    uint32_t  Sample_Sequencer,  
                    uint32_t * ADC_queue  
                    )
```

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```

Parameters

ADC_base is the base address of the ADC module.

Sample_Sequencer is the sample sequence number.

ADC_queue is the buffer where the ADC conversion data is stored.

This task triggers an ADC conversion and copies data from the specified sample sequencer output FIFO to *ADC_queue* upon completion of the conversion. *ADC_queue* must be set up to accomodate all conversion values in ADC FIFO.