

```
24
25 #include <stddef.h>           // Defines NULL
26 #include <stdbool.h>          // Defines true
27 #include <stdlib.h>           // Defines EXIT_FAILURE
28 #include "definitions.h"      // SYS function prototypes
```

```
30 #define ADC_VREF               (5.0f)
```

```
31
32 uint16_t adc_count[3];
33 volatile bool transferDone = false;
34 float inp_voltage[3];
```

```
35
36 void DMAC_Callback(DMAC_TRANSFER_EVENT status, uintptr_t context)
37 {
38     if(status == DMAC_TRANSFER_EVENT_COMPLETE)
39     {
40         // Transfer is completed.
41         transferDone = true;
42     }
43 }
```

```
44 // *****
45 // *****
46 // Section: Main Entry Point
47 // *****
48 // *****
49
```