



## Code Design Review Summary Form

Project Lab 7 Author Chayne Thrash

Function Name(s) fcn\_synth.c Date 26 OCT 2016

| Number of errors |       | Error Type   |
|------------------|-------|--|
| Major            | Minor |  |
|                  | 3     | Code does not follow coding conventions  |
|                  |       | Function size and complexity are unreasonable                                      |
|                  |       | ISR size, complexity, execution time are unreasonable                              |
|                  |       | Unclear expression of ideas in code  |
|                  |       | Poor encapsulation   |
|                  |       | Function prototype not correctly used  |
|                  |       | Data types do not match  |
|                  |       | Uninitialized variable at function start   |
|                  |       | Uninitialized variable going into loop   |
|                  | 6     | Poor logic - will not function as needed   |
|                  |       | Poor or missing comments   |
|                  |       | Error condition not caught or ignored  |
|                  |       | Switch statement without a default case (when using subset of possible conditions) |
| 4                |       | Incorrect syntax   |
|                  |       | Non-reentrant code in dangerous places   |
|                  |       | Slow code in speed-critical area   |
|                  |       | Interrupts are not masked during possible critical code                            |
|                  |       | Other  |
|                  |       | Other  |

Major bugs are ones that will result in a problem that the customer will see. Minor bugs are those that include spelling errors, non-compliance with coding conventions, and poor workmanship that does not lead to a major error.

Time Code Design Review Started: 1946 Ended: 2000

Recorder Austin Heath



## Code Design Review Summary Form

Project Lab 7 Author Tyler Gilmore

Function Name(s) esos\_menu\_service.c Date 26 OCT 2016

| Number of errors |       | Error Type   |
|------------------|-------|--|
| Major            | Minor |  |
|                  |       | Code does not follow coding conventions  |
|                  | 5     | Function size and complexity are unreasonable                                      |
|                  |       | ISR size, complexity, execution time are unreasonable                              |
|                  |       | Unclear expression of ideas in code  |
|                  |       | Poor encapsulation   |
|                  |       | Function prototype not correctly used  |
| 4                |       | Data types do not match  |
|                  |       | Uninitialized variable at function start   |
|                  |       | Uninitialized variable going into loop   |
|                  | 5     | Poor logic - will not function as needed   |
|                  |       | Poor or missing comments   |
|                  |       | Error condition not caught or ignored  |
|                  |       | Switch statement without a default case (when using subset of possible conditions) |
|                  |       | Incorrect syntax   |
|                  |       | Non-reentrant code in dangerous places   |
|                  |       | Slow code in speed-critical area   |
|                  |       | Interrupts are not masked during possible critical code                            |
|                  |       | Other  |
|                  |       | Other  |

Major bugs are ones that will result in a problem that the customer will see. Minor bugs are those that include spelling errors, non-compliance with coding conventions, and poor workmanship that does not lead to a major error.

Time Code Design Review Started: 2000 Ended: 2030

Recorder Austin Heath



## Code Design Review Summary Form

Project Lab 7 Author Emily Gorman

Function Name(s) test\_menu\_app.c Date 26 OCT 2016

| Number of errors |       | Error Type   |
|------------------|-------|--|
| Major            | Minor |  |
| 3                |       | Code does not follow coding conventions  |
|                  |       | Function size and complexity are unreasonable                                      |
|                  |       | ISR size, complexity, execution time are unreasonable                              |
|                  |       | Unclear expression of ideas in code  |
|                  |       | Poor encapsulation   |
|                  |       | Function prototype not correctly used  |
|                  |       | Data types do not match  |
|                  |       | Uninitialized variable at function start   |
|                  |       | Uninitialized variable going into loop   |
|                  | 5     | Poor logic - will not function as needed   |
|                  |       | Poor or missing comments   |
|                  |       | Error condition not caught or ignored  |
|                  |       | Switch statement without a default case (when using subset of possible conditions) |
|                  |       | Incorrect syntax   |
|                  |       | Non-reentrant code in dangerous places   |
|                  |       | Slow code in speed-critical area   |
|                  |       | Interrupts are not masked during possible critical code                            |
|                  |       | Other  |
|                  |       | Other  |

Major bugs are ones that will result in a problem that the customer will see. Minor bugs are those that include spelling errors, non-compliance with coding conventions, and poor workmanship that does not lead to a major error.

Time Code Design Review Started: 2030 Ended: 2100

Recorder Austin Heath



## Code Design Review Summary Form

Project \_\_\_\_\_ Author \_\_\_\_\_

Function Name(s) \_\_\_\_\_ Date \_\_\_\_\_

| Number of errors |       | Error Type   |
|------------------|-------|--|
| Major            | Minor |  |
|                  |       | Code does not follow coding conventions  |
|                  |       | Function size and complexity are unreasonable                                      |
|                  |       | ISR size, complexity, execution time are unreasonable                              |
|                  |       | Unclear expression of ideas in code  |
|                  |       | Poor encapsulation   |
|                  |       | Function prototype not correctly used  |
|                  |       | Data types do not match  |
|                  |       | Uninitialized variable at function start   |
|                  |       | Uninitialized variable going into loop   |
|                  |       | Poor logic - will not function as needed   |
|                  |       | Poor or missing comments   |
|                  |       | Error condition not caught or ignored  |
|                  |       | Switch statement without a default case (when using subset of possible conditions) |
|                  |       | Incorrect syntax   |
|                  |       | Non-reentrant code in dangerous places   |
|                  |       | Slow code in speed-critical area   |
|                  |       | Interrupts are not masked during possible critical code                            |
|                  |       | Other  |
|                  |       | Other  |

Major bugs are ones that will result in a problem that the customer will see. Minor bugs are those that include spelling errors, non-compliance with coding conventions, and poor workmanship that does not lead to a major error.

Time Code Design Review Started: \_\_\_\_\_ Ended: \_\_\_\_\_

Recorder \_\_\_\_\_