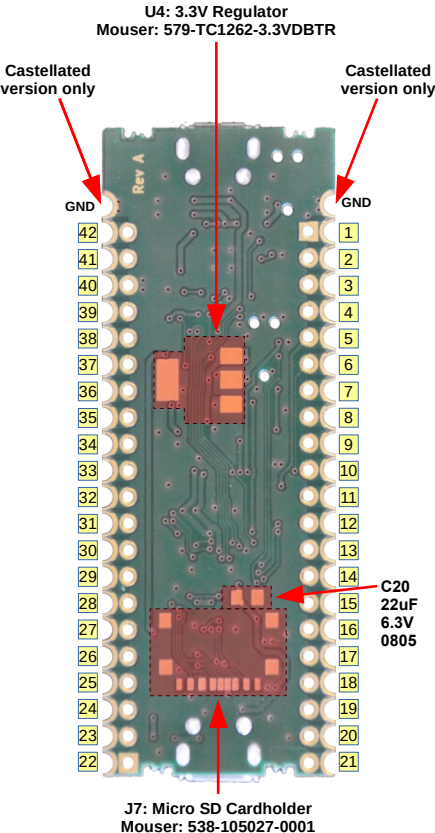
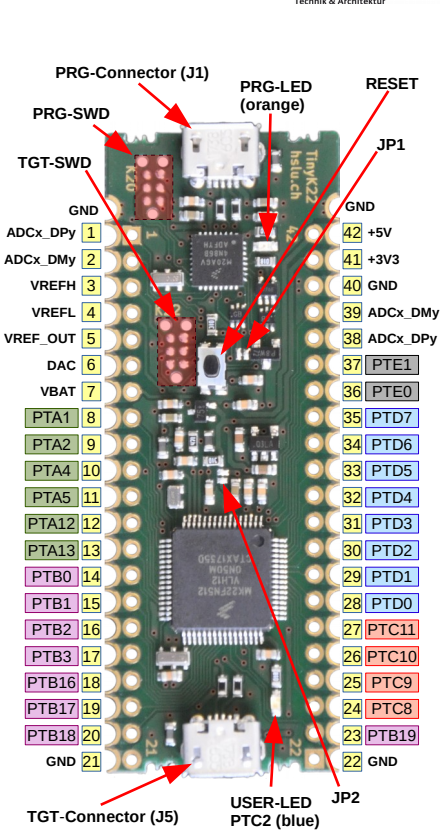


|       | LPUART0 | UART0 | UART1 | UART2 | FTM0 | FTM1 | FTM2 | FTM3 | I2C0 | I2C1 | SPI0 | SPI1 | ADC0 | ADC1 | CMPO |
|-------|---------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| PTA1  | R       |       |       |       | 6    |      |      |      |      |      |      |      |      |      |      |
| PTA2  | T       |       |       |       | 7    |      |      |      |      |      |      |      |      |      |      |
| PTA4  |         |       |       |       | 1    |      |      |      |      |      |      |      |      |      |      |
| PTA5  |         |       |       |       | 2    |      |      |      |      |      |      |      |      |      |      |
| PTA12 |         |       |       |       |      | 0    |      |      |      |      |      |      |      |      |      |
| PTA13 |         |       |       |       |      | 1    |      |      |      |      |      |      |      |      |      |
| PTB0  |         |       |       |       |      | 0    |      | C    |      |      |      | 8    | 8    |      |      |
| PTB1  |         |       |       |       |      | 1    |      | D    |      |      |      | 9    | 9    |      |      |
| PTB2  |         |       |       |       |      | 3    |      | C    |      |      |      | 12   | 12   |      |      |
| PTB3  |         |       |       |       |      | 0    |      | D    |      |      |      | 13   | 13   |      |      |
| PTB16 | R       |       |       |       |      |      |      |      |      |      |      | O    |      |      |      |
| PTB17 | T       |       |       |       |      |      |      |      |      |      |      | I    |      |      |      |
| PTB18 |         |       |       |       |      |      | 0    |      |      |      |      |      |      |      |      |
| PTB19 |         |       |       |       |      |      | 1    |      |      |      |      |      |      |      |      |
| PTC8  |         |       |       |       |      |      |      | 4    |      |      |      |      | 4b   | 2    |      |
| PTC9  |         |       |       |       |      |      |      | 5    |      |      |      |      | 5b   | 3    |      |
| PTC10 |         |       |       |       |      |      |      | 6    | C    |      |      |      | 6b   |      |      |
| PTC11 |         |       |       |       |      |      |      | 7    | D    |      |      |      | 7b   |      |      |
| PTD0  |         |       |       |       |      |      |      | 0    |      |      |      |      |      |      |      |
| PTD1  |         |       |       |       |      |      |      | 1    |      | C    |      | 5b   |      |      |      |
| PTD2  | R       |       | R     |       |      |      |      | 2    | C    | O    |      |      |      |      |      |
| PTD3  | T       |       | T     |       |      |      |      | 3    | D    | I    |      |      |      |      |      |
| PTD4  |         |       |       |       |      |      |      | 4    |      |      |      |      |      |      |      |
| PTD5  |         |       |       |       |      |      |      | 5    |      |      |      | C    | 6b   |      |      |
| PTD6  | R       |       |       |       |      |      |      | 6    |      |      |      | O    | 7b   |      |      |
| PTD7  | T       |       |       |       |      |      |      | 7    |      |      |      | I    |      |      |      |
| PTE0  |         | T     |       |       |      |      |      |      |      | C    |      |      | 4a   |      |      |
| PTE1  |         | R     |       |       |      |      |      |      |      | D    | I/O  |      | 5a   |      |      |

UART R:Rx,D, T:Tx,D  
FTM 0..7: Channel  
I2C C:SCL, D:SDA  
SPI C:Clock, O:SOUT, I:SIN  
ADC 4..13:Channel  
CMP 2..3: Input

UART to Programmer:  
UART1 or LPUART0  
(PTC3 & PTC4)



|       | LPUART0 | UART0 | UART1 | UART2 | FTM0 | FTM1 | FTM2 | FTM3 | I2C0 | I2C1 | SPI0 | SPI1 | ADC0 | ADC1 | CMPO |
|-------|---------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|
| PTA1  | R       |       |       |       | 6    |      |      |      |      |      |      |      |      |      |      |
| PTA2  | T       |       |       |       | 7    |      |      |      |      |      |      |      |      |      |      |
| PTA4  |         |       |       |       | 1    |      |      |      |      |      |      |      |      |      |      |
| PTA5  |         |       |       |       | 2    |      |      |      |      |      |      |      |      |      |      |
| PTA12 |         |       |       |       |      | 0    |      |      |      |      |      |      |      |      |      |
| PTA13 |         |       |       |       |      | 1    |      |      |      |      |      |      |      |      |      |
| PTB0  |         |       |       |       |      | 0    |      | C    |      |      |      | 8    | 8    |      |      |
| PTB1  |         |       |       |       |      | 1    |      | D    |      |      |      | 9    | 9    |      |      |
| PTB2  |         |       |       |       |      | 3    |      | C    |      |      |      | 12   | 12   |      |      |
| PTB3  |         |       |       |       |      | 0    |      | D    |      |      |      | 13   | 13   |      |      |
| PTB16 | R       |       |       |       |      |      |      |      |      |      |      | O    |      |      |      |
| PTB17 | T       |       |       |       |      |      |      |      |      |      |      | I    |      |      |      |
| PTB18 |         |       |       |       |      |      | 0    |      |      |      |      |      |      |      |      |
| PTB19 |         |       |       |       |      |      | 1    |      |      |      |      |      |      |      |      |
| PTC8  |         |       |       |       |      |      |      | 4    |      |      |      |      | 4b   | 2    |      |
| PTC9  |         |       |       |       |      |      |      | 5    |      |      |      |      | 5b   | 3    |      |
| PTC10 |         |       |       |       |      |      |      | 6    | C    |      |      |      | 6b   |      |      |
| PTC11 |         |       |       |       |      |      |      | 7    | D    |      |      |      | 7b   |      |      |
| PTD0  |         |       |       |       |      |      |      | 0    |      |      |      |      |      |      |      |
| PTD1  |         |       |       |       |      |      |      | 1    |      | C    |      | 5b   |      |      |      |
| PTD2  | R       |       | R     |       |      |      |      | 2    | C    | O    |      |      |      |      |      |
| PTD3  | T       |       | T     |       |      |      |      | 3    | D    | I    |      |      |      |      |      |
| PTD4  |         |       |       |       |      |      |      | 4    |      |      |      |      |      |      |      |
| PTD5  |         |       |       |       |      |      |      | 5    |      |      |      | C    | 6b   |      |      |
| PTD6  | R       |       |       |       |      |      |      | 6    |      |      |      | O    | 7b   |      |      |
| PTD7  | T       |       |       |       |      |      |      | 7    |      |      |      | I    |      |      |      |
| PTE0  |         | T     |       |       |      |      |      |      |      | C    |      |      | 4a   |      |      |
| PTE1  |         | R     |       |       |      |      |      |      |      | D    | I/O  |      | 5a   |      |      |

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