# ICM\_4, DO NOT MOUNT

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| **RefDes** | **Value** | **Remark** |
| C20, C21 | 100nF 0402 | needed for oscillator with frequency tuning only |
| R46 | 390R 0402 |
|  |  |
| U7 | MCP4725A1T-E/CH |
|  |  |  |
| K1 | TLP3417 | primary side cable termination |
| R78 | 330R 0402 |
| R67 | 10K 0402 |
| R69, R70 | 75R 0603 |
| V19 | CDSOD323-T15C |
|  |  |  |
| R35 | 0R 0402 | comm. DAC, MODE select |
| L6 | BLM18EG221SN1D | comm. DAC, AVDD |
| C49, C50 | 22pF 0402 | comm. DAC, output filter |
| C39 | 100p 0402 | comm. ADC input filter |
| C45 | 10uF 0603 | signal INIT\_B |
|  |  |  |
| R48 | 1k 0402 | pull down for PUDC\_B, FPGA-IOs are floating while config. (pull- ups are disabled) |
| R54 | 330R 0402 | WP\_ADR2, not used as flash nWP |
|  |  |  |
| J1 | M22-2010605 | header, 6 pos., 2mm |
| J2 | FTS-102-01-F-S | header, 2 pos., 1.27mm, COM\_ADC\_INP/M |
| J3 | Micro-USB Conn. |  |
| J4 | Molex 87832-1420 | JTAG conn., 2x7 pos., vert. plug, 2mm |
| J5 | FTS-102-01-F-S | ICM\_ID |
| J6 | 22-11-2022 | Flash write protection |
| J7, J8 | FTS-102-01-F-S | header, 2 pos., 1.27mm, LED enables |
| J9, J10 | M22-2010205 | header, 2 pos., 2mm, COM\_WP\_P/N |
| J11 | FTS-102-01-F-S | header, 2 pos., 1.27mm, PROGRAM\_B |
|  |  |  |
| V22 | BAT30SWFILM |  |
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