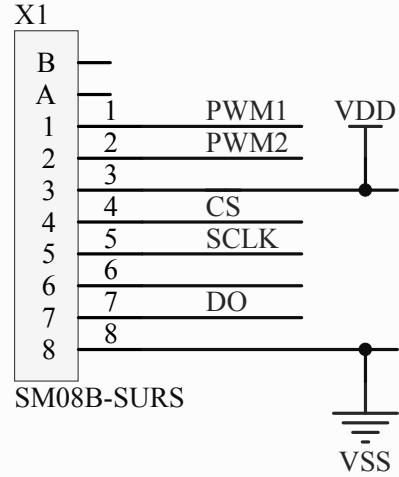
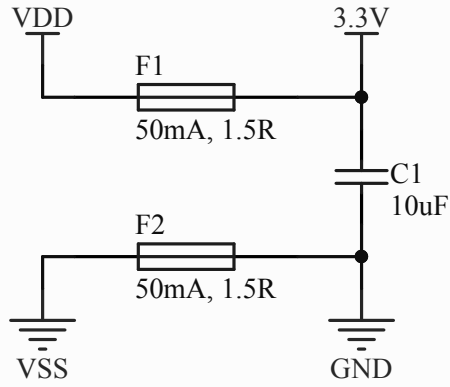
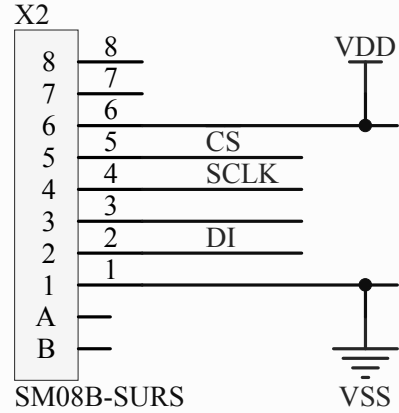


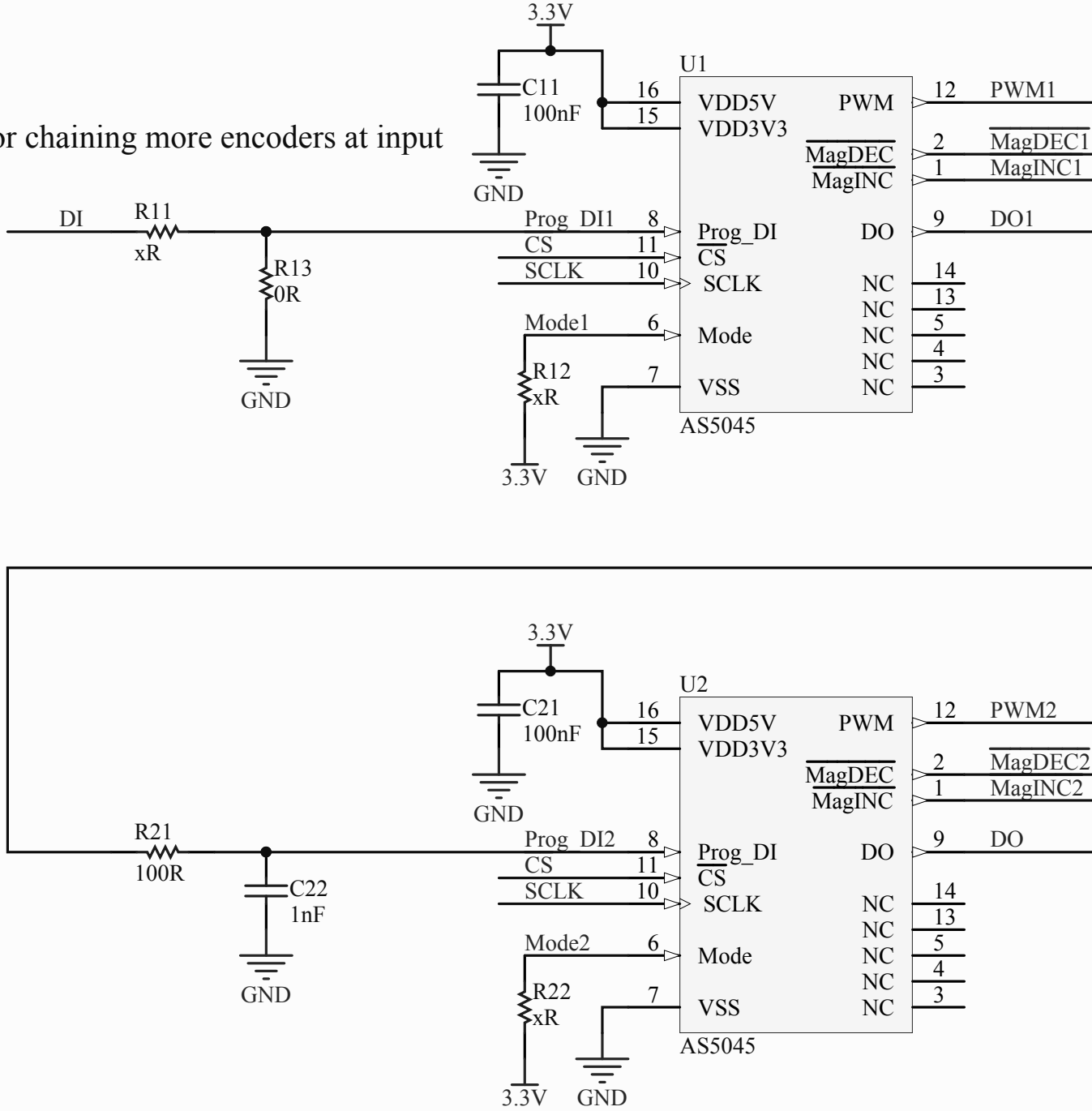
Output connector



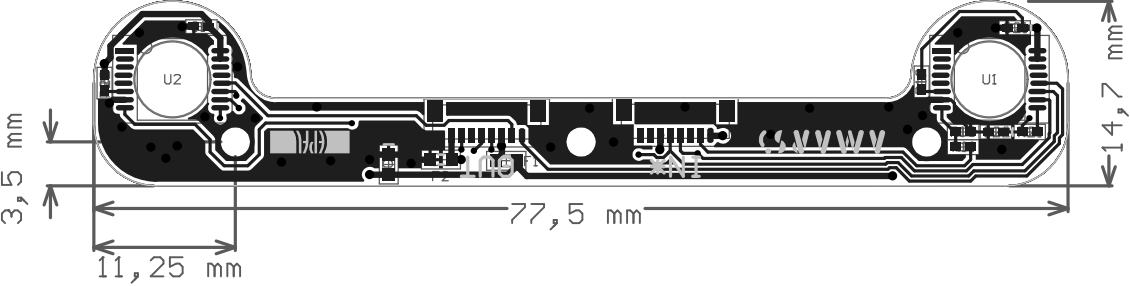
Input connector

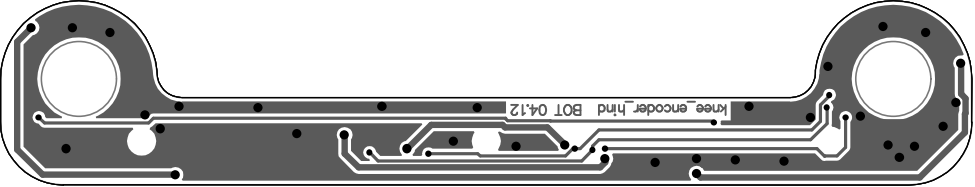


Make R13 1nF for chaining more encoders at input



| | | |
|--|---|-----------------------|
| Title | | |
| Oncilla L2 and L3 (pantographic Knee) Magnetic encoder | | |
| Main page | | |
| Size | Number | Revision |
| A4 | Biorobotics Laboratory École Polytechnique Fédéral de Lausanne | 07.07.2011 |
| Date: | 18/03/2014 | Sheet of |
| File: | Z:\oncilla-hardware\..l2-l3.SchDoc | Drawn By: Rico Möckel |





Part List

<Parameter Title not found>

| | |
|-------------------|---------------------|
| Source Data From: | <u>I2-I3.SchDoc</u> |
| Project: | <u>I2-I3.PrjPcb</u> |
| Variant: | <u>None</u> |

Report Date: 18/03/201419:11:40

Print Date: 18-Mar-147:11:46 PM

| Designator | Comment | LibRef | Footprint | Description |
|---------------|------------|------------|------------|---|
| C1 | 10uF | Cap | CAPC1608N | Capacitor |
| C11, C21 | 100nF | Cap | CAPC1005N | Capacitor |
| C22 | 1nF | Cap | CAPC1005N | Capacitor |
| F1, F2 | 50mA, 1.5R | Fuse 1 | RESC1608N | Ferrit Bead |
| R11, R12, R22 | xR | Res1 | RESC1005N | Resistor |
| R13 | 0R | Res1 | RESC1005N | Resistor |
| R21 | 100R | Res1 | RESC1005N | Resistor |
| U1, U2 | AS5045 | AS5045 | SSOP16 | 12 Bit Programmable Magnetic Rotary Encod |
| X1, X2 | SM08B-SURS | SM08B-SURS | SM08B-SURS | wire-to-board connector |