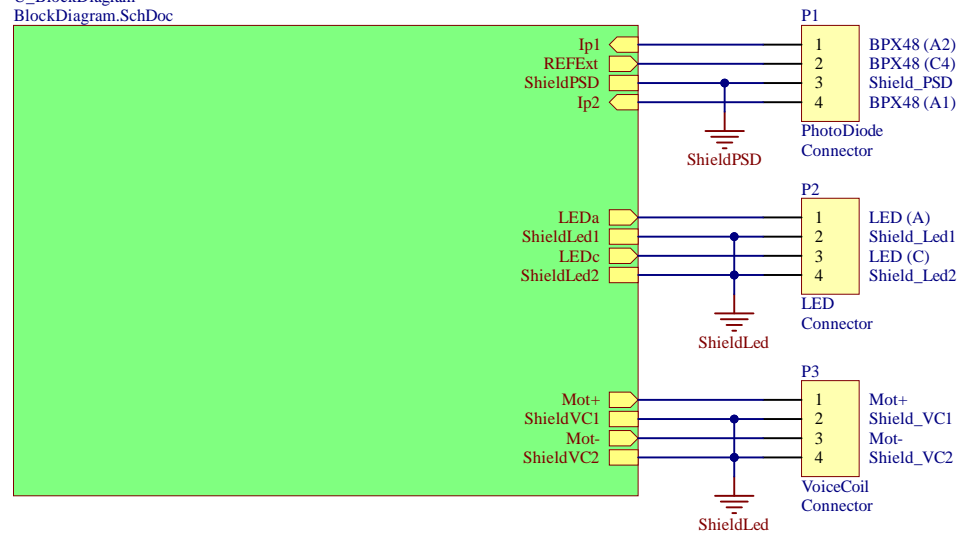

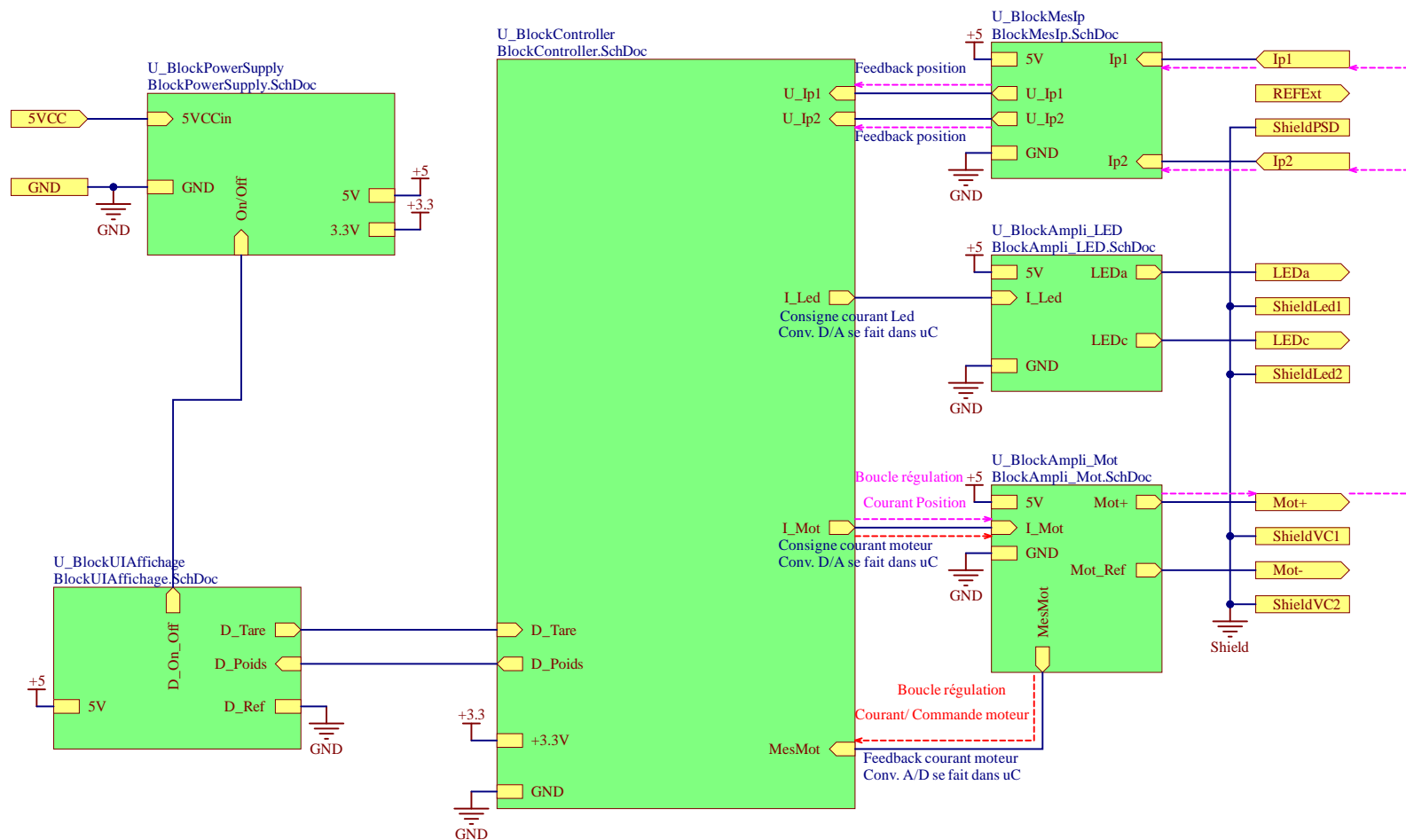
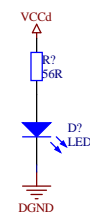
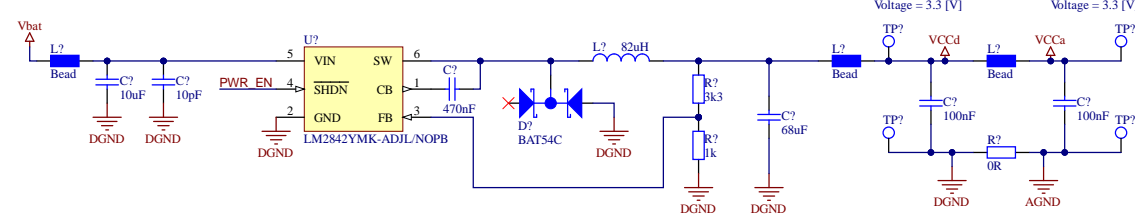
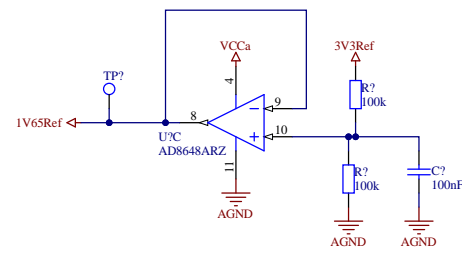
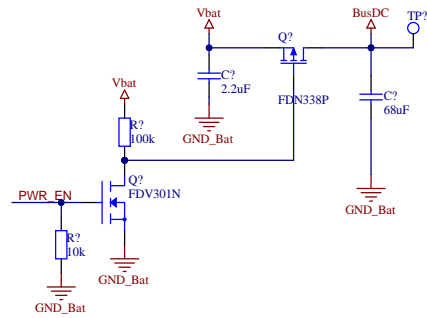
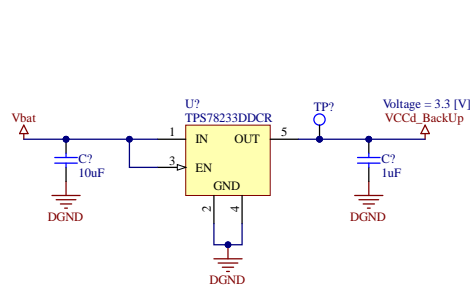


U_BlockDiagram
BlockDiagram.SchDoc

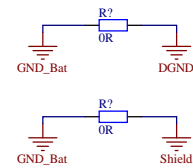
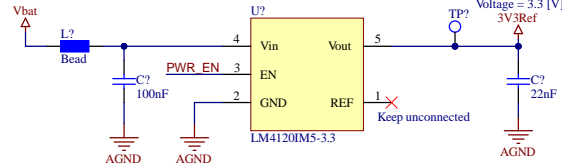
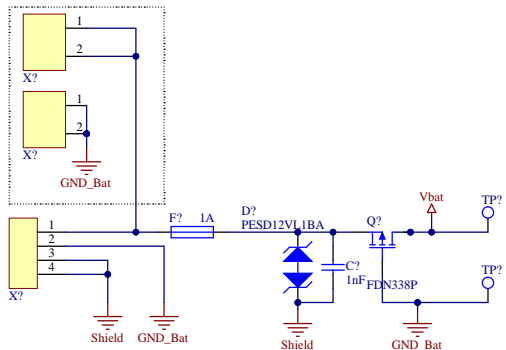



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|---|------------|--------------|---|-----------|
| Institut d'automatisation industrielle rte de Cheseaux 1 CH-1401 Yverdon-les-Bains T +41(0)24 55 77 377 F +41(0)24 55 76 320 http://iai.heig-vd.ch iai@heig-vd.ch | | |  | |
| Title <i>Main_PCB</i> | | | | |
| Size: | Project: | No. | SVN | Version |
| A4 | Balance | N° SGX | OUI | 1.0.0 |
| Date: | 10.04.2021 | Sheet 1 of 8 | Author: | BKO + PKI |
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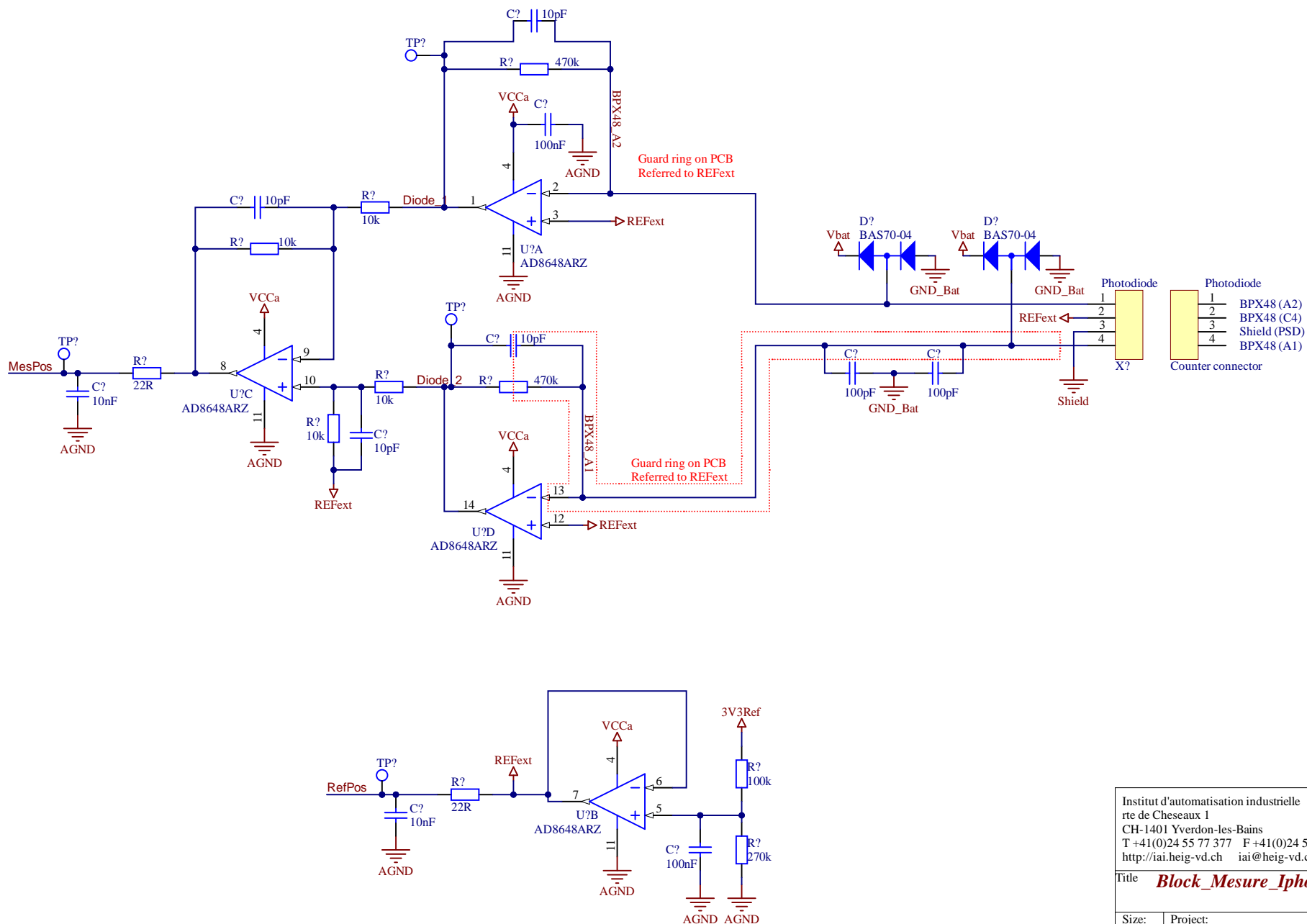




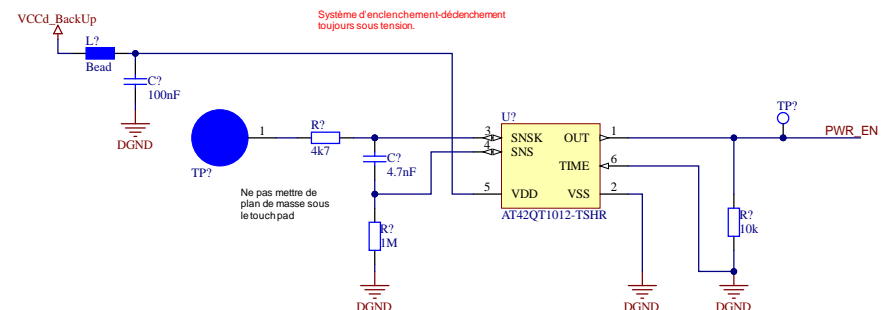
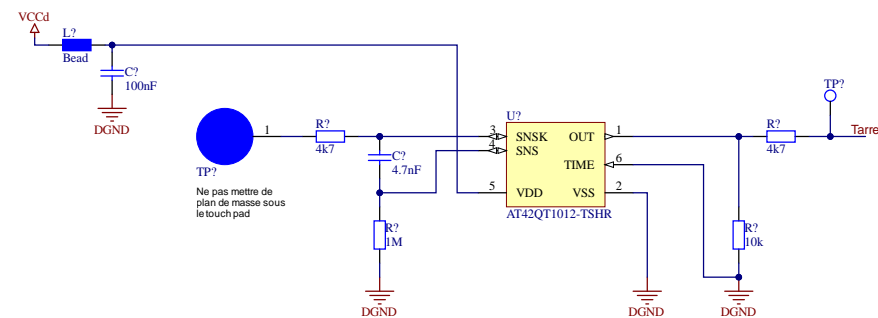
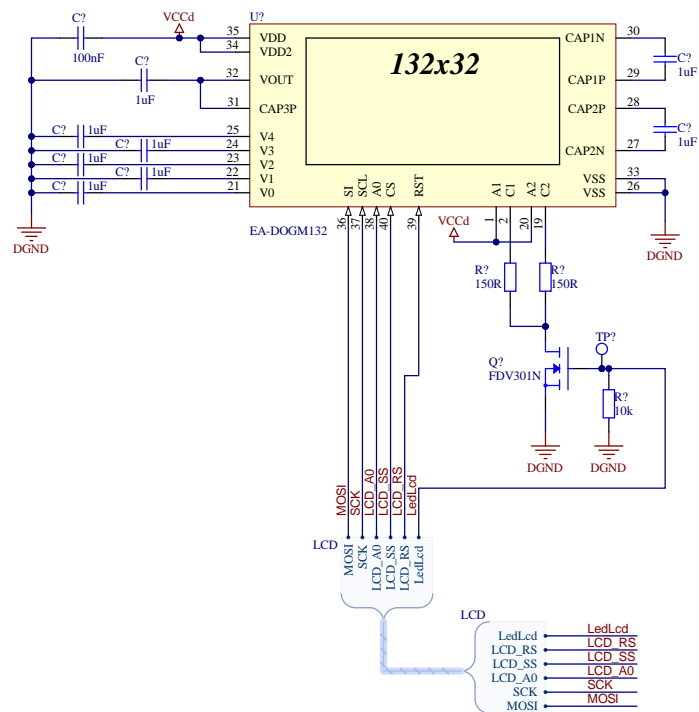
Banana connectors to connect a laboratory power supply



| | | | | | |
|---|---------------------|-------------------|------------|---|--|
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| Title Block_PowerSupply | | | | | |
| Size: A3 | Project: Balance | No. N° SGX | SVN OUI | Version 1.0.0 | |
| Date: 10.04.2021 | Sheet 3 of 8 | Author: BKO + PKI | | | |
| File: BlockPowerSupply_SchDoc | | | | | |



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| Institut d'Automatisation Industrielle | | | | |
| Title Block_Mesure_Iphoto | | | | |
| Size: | Project: | No. | SVN | Version |
| A4 | Balance | N° SGX | OUI | 1.0.0 |
| Date: | 10.04.2021 | Sheet 4 of 8 | Author: | BKO + PKI |
| File: BlockMesIp.SchDoc | | | | |



| Layer | Name | Material | Thickness | Constant | Board Layer Stack |
|-------|-----------------------|--------------|-----------|----------|--|
| | Top Overlay | | | |  |
| | Top Solder | SM-001 | 0.025mm | 4 | |
| | Top Surface Finish | Nickel, Gold | 0.020mm | | |
| | Top Layer | CF-004 | 0.035mm | | |
| 1 | Dielectric 1 | PP-017 | 0.129mm | 4,3 |  |
| | Dielectric 2 | PP-017 | 0.129mm | 4,3 | |
| 2 | Int1 (GND) | CF-004 | 0.035mm | | |
| | Dielectric 3 | Core-039 | 0.711mm | 4,8 | |
| 3 | Int2 (PWR) | CF-004 | 0.035mm | |  |
| | Dielectric 4 | PP-017 | 0.129mm | 4,3 | |
| | Dielectric 5 | PP-017 | 0.129mm | 4,3 | |
| 4 | Bottom Layer | CF-004 | 0.035mm | | |
| | Bottom Surface Finish | Nickel, Gold | 0.020mm | |  |
| | Bottom Solder | SM-001 | 0.025mm | 4 | |
| | Bottom Overlay | | | | |
| | | | | | |

