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system integrators

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## Manual Pulse Generator MPG-OS v.2.0

- draft -

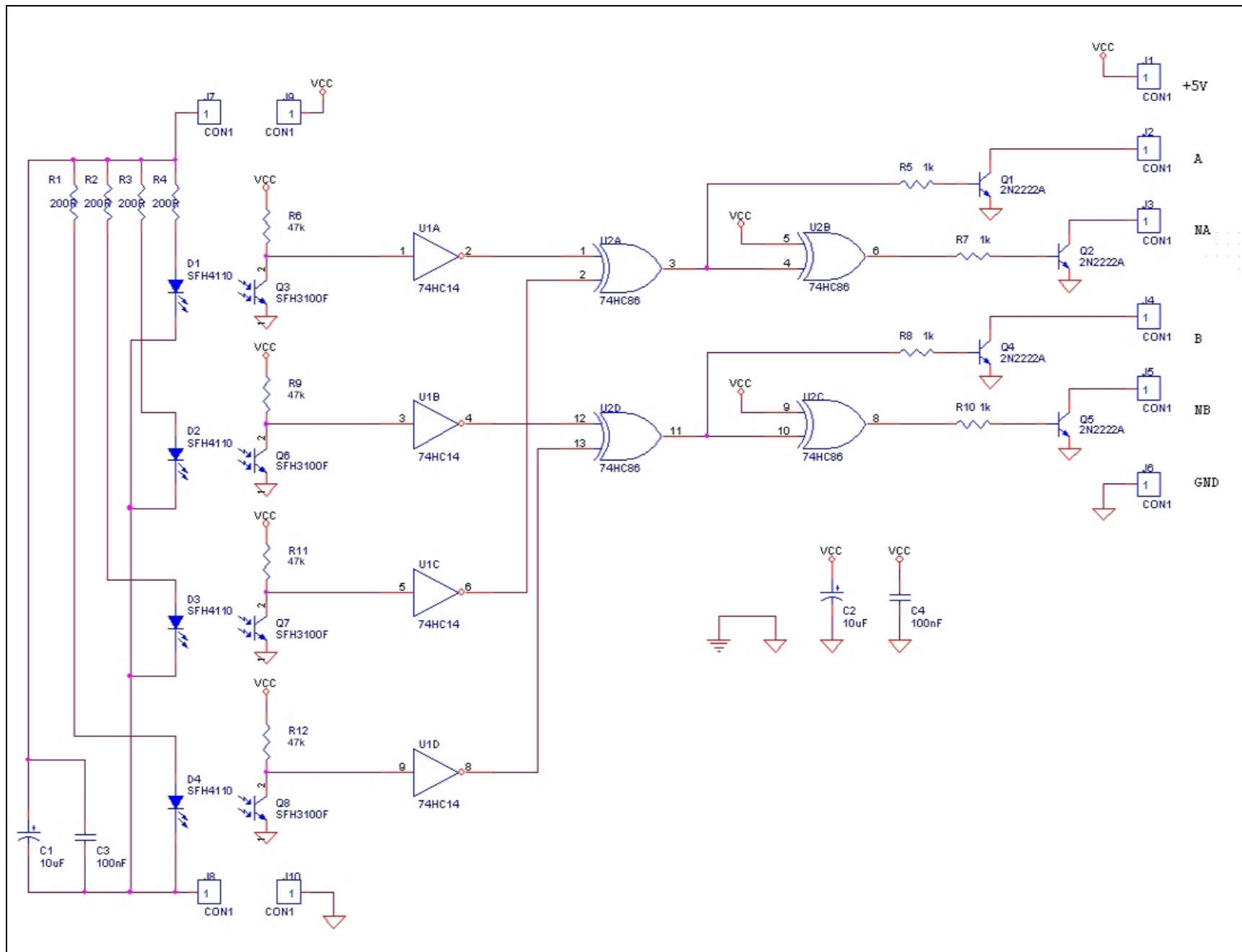
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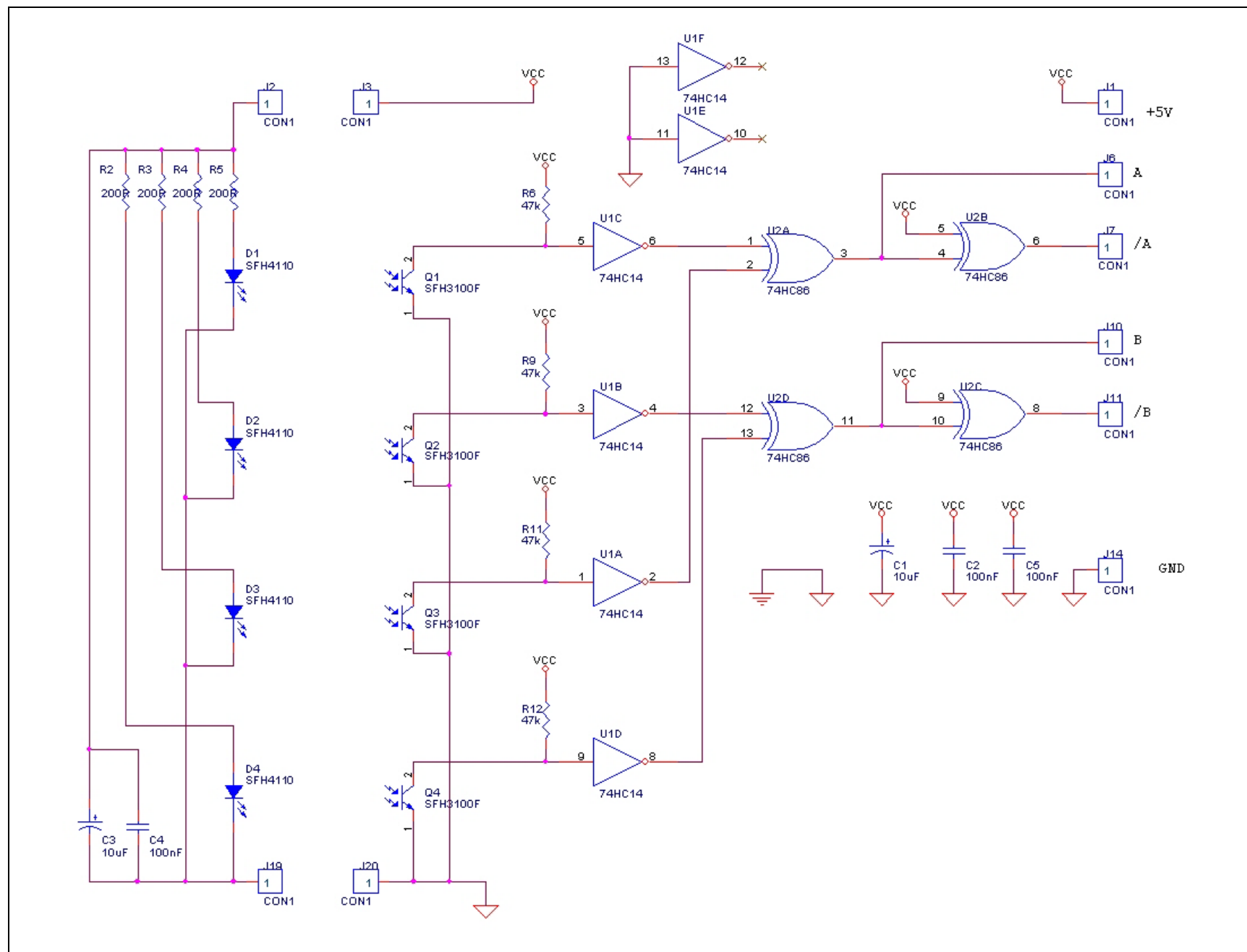
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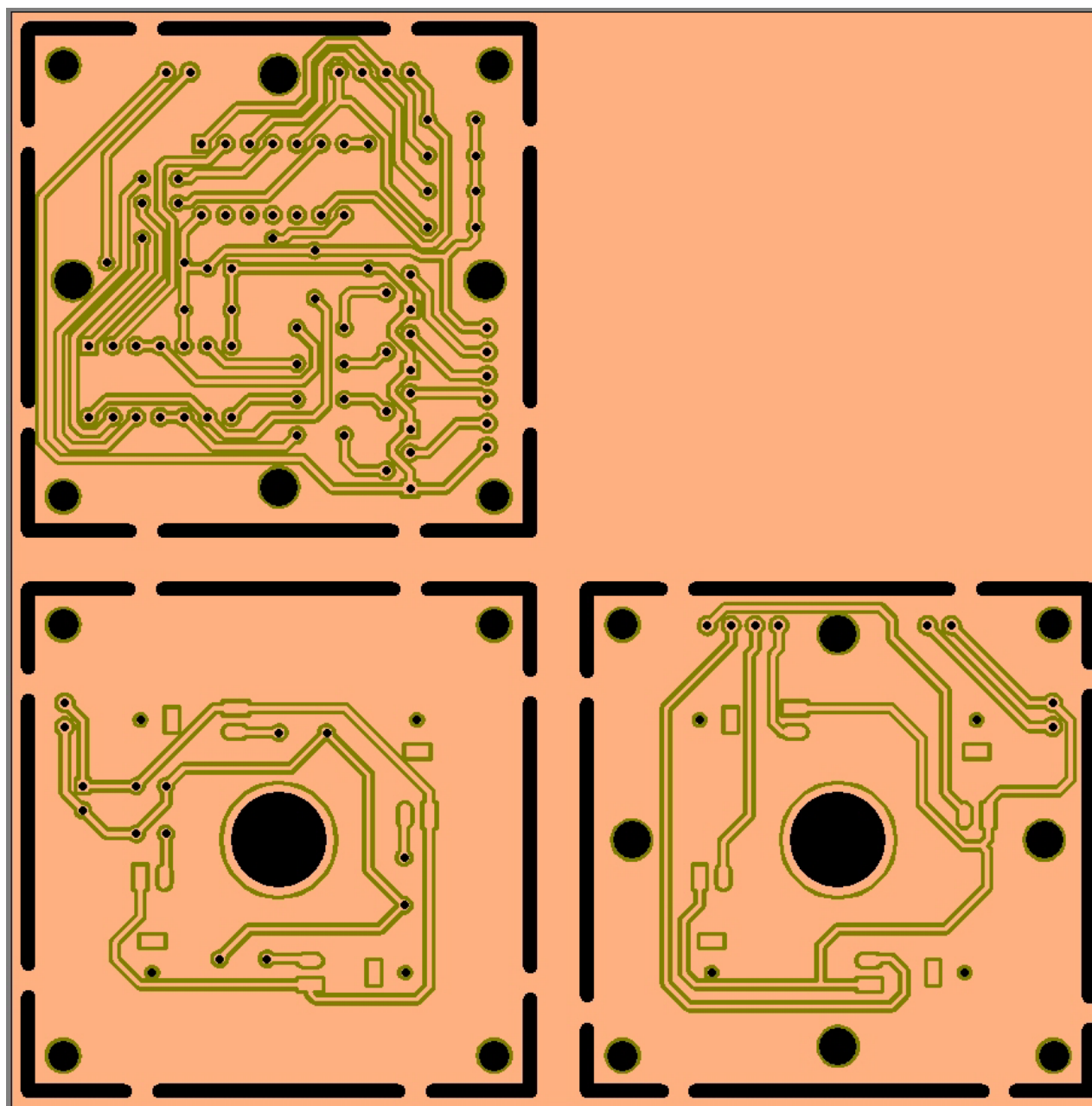
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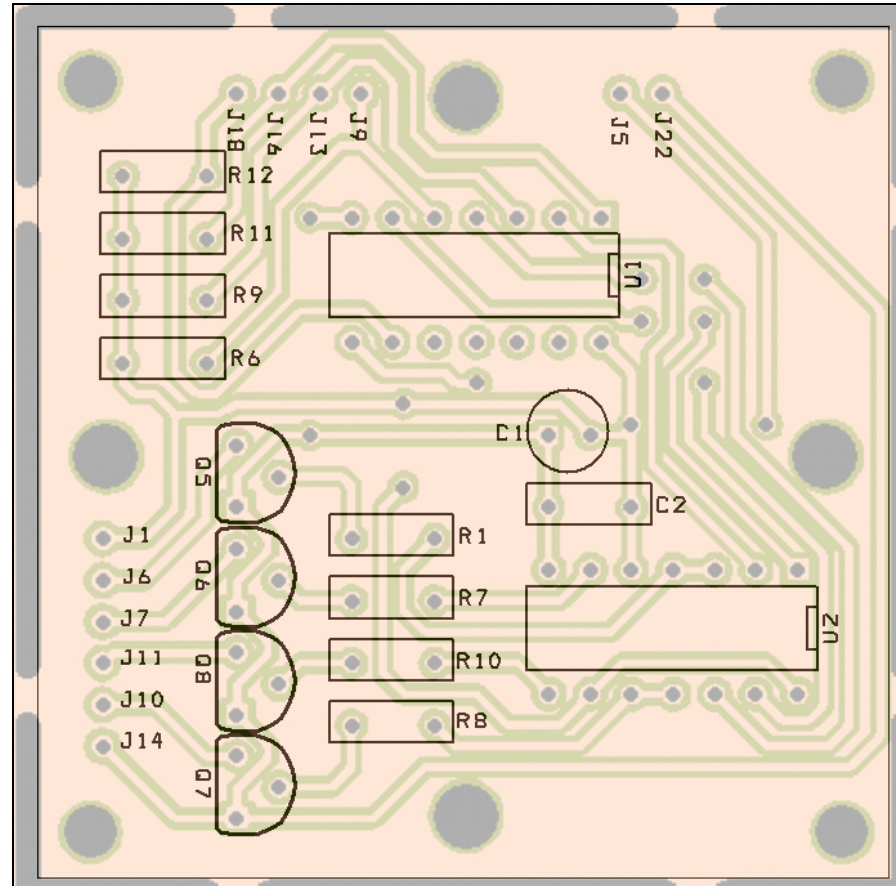
Strasmax MPG-OS v.2.0 - Schematic for the through-hole components, engraved PCB version



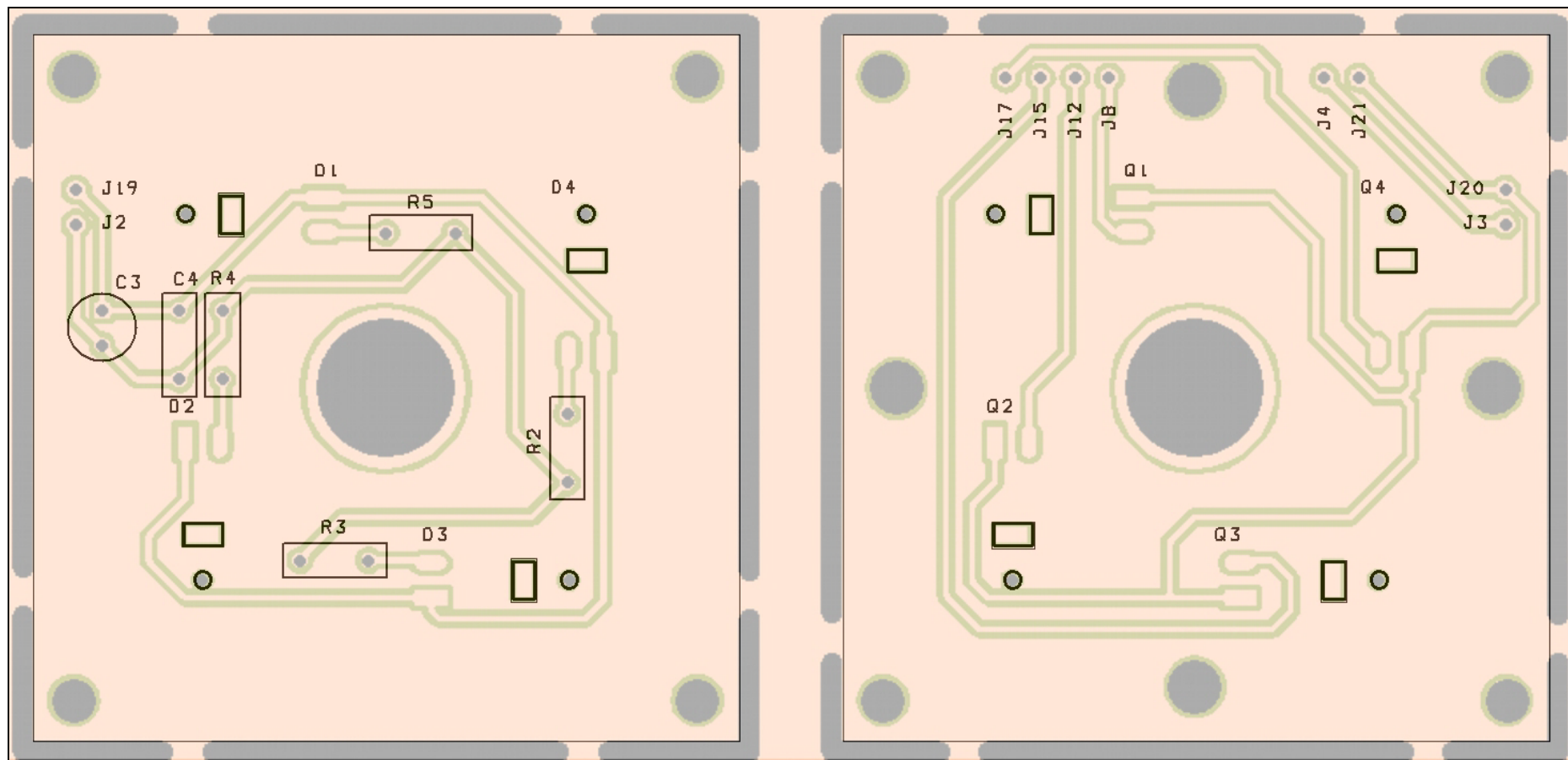
Strasmax MPG-OS v.2.0 - Schematic for the SMD components, industrial PCB version



Strasmax MPG-OS v.2.0 – Engraved PCB drawing



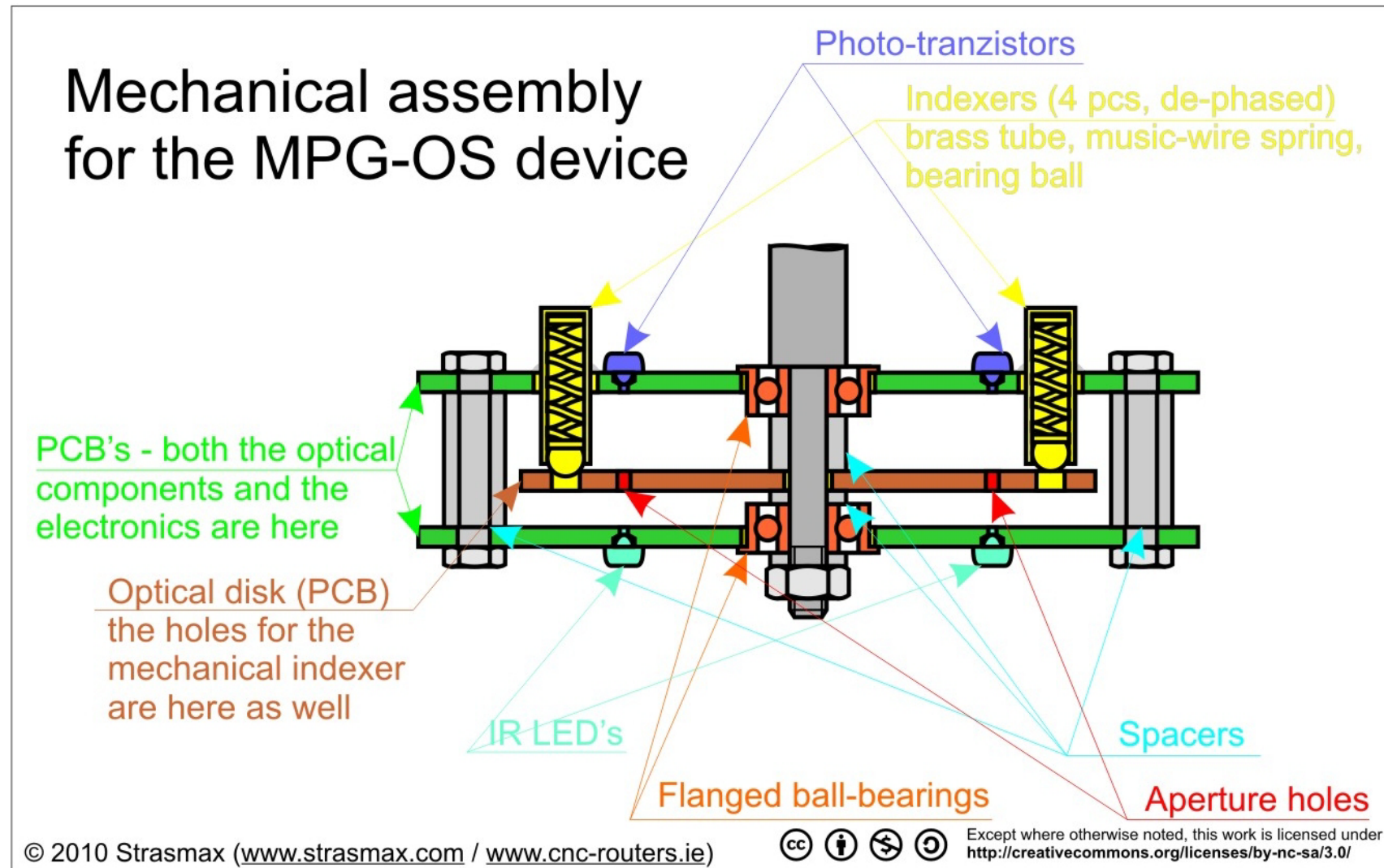
Strasmax MPG-OS v.2.0 – Engraved PCB component placement drawing



Strasmax MPG-OS v.2.0 – Engraved PCB opto-electronic components placement drawing

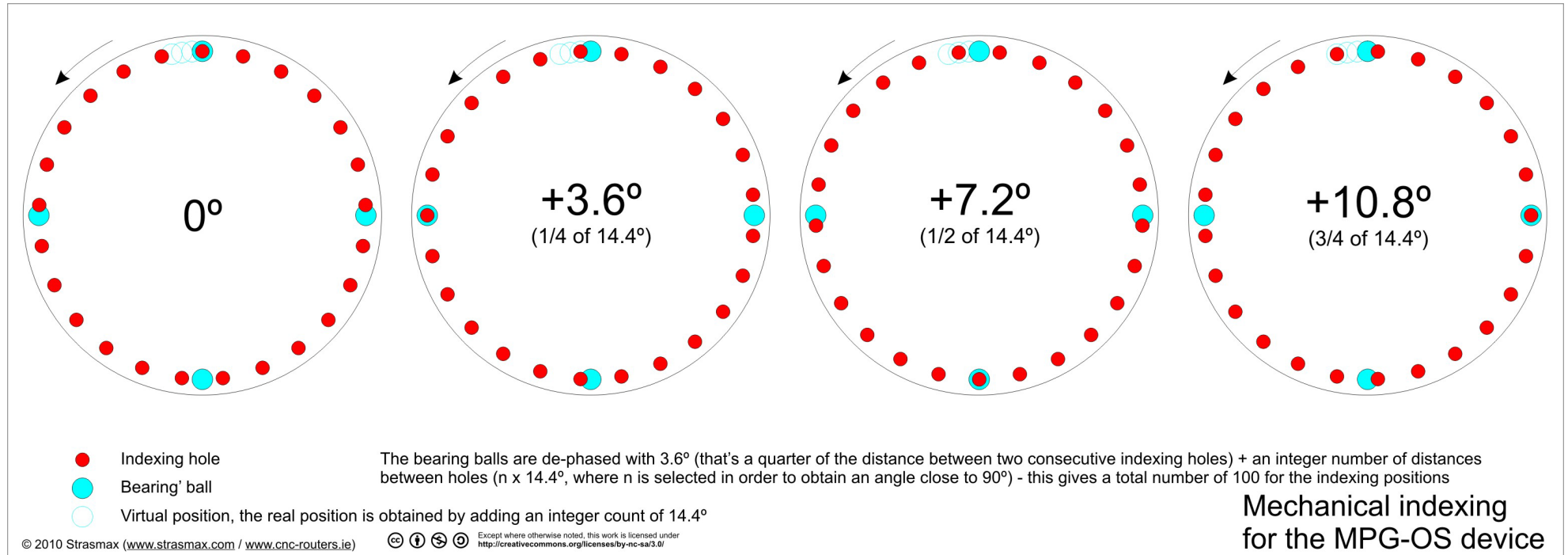
## Mechanical assembly

Please see below the mechanical assembly drawing:



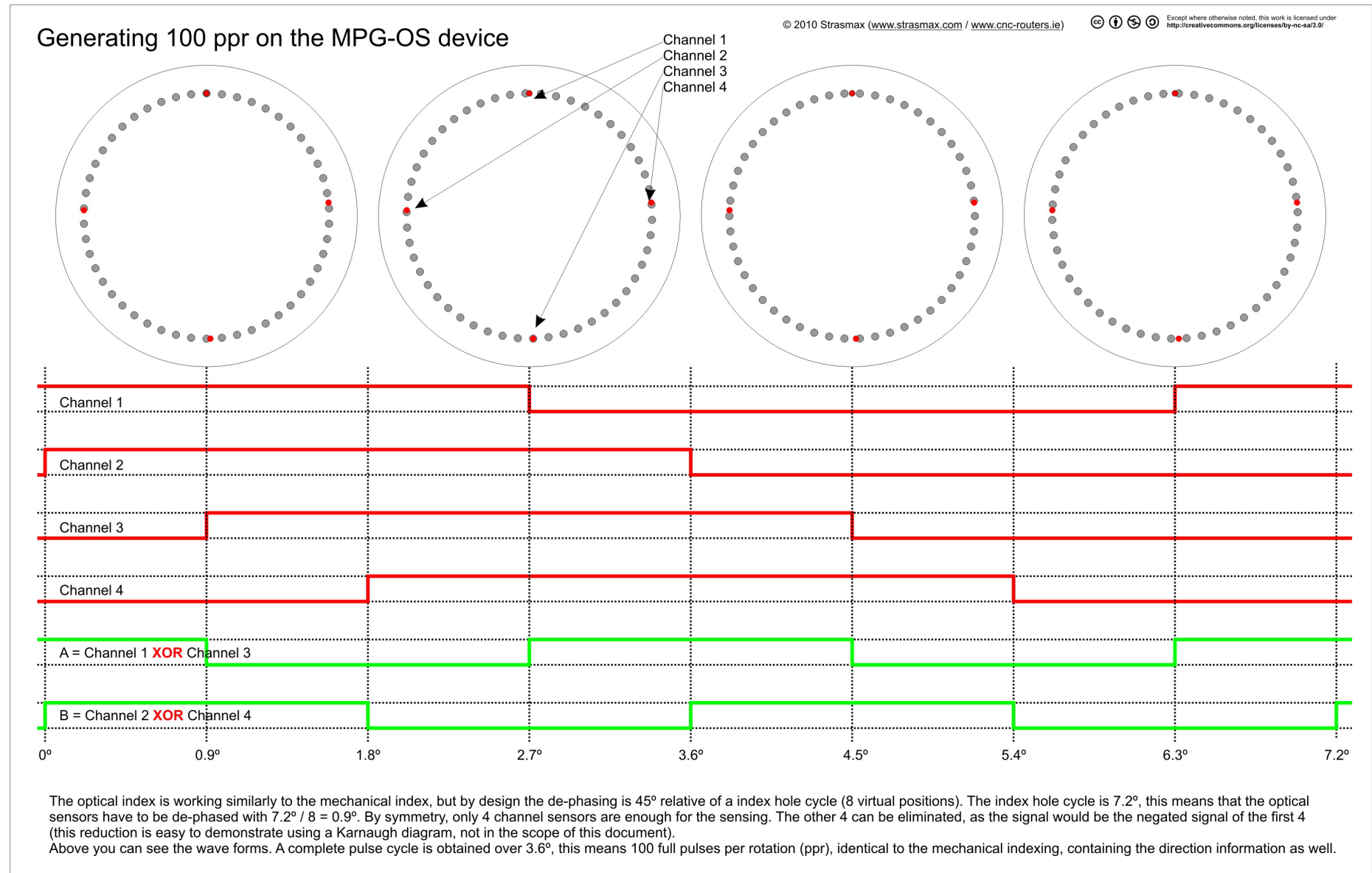
## Mechanical indexing

Please see below the mechanical indexing drawing explanation:



# Optical indexing

Please see below the optical indexing diagram:



This document is a preliminary version, has to be completed with further instructions.

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|  |  |
|--|--|
| Strasmax MPG-OS v2_01.pdf                        | This file  |
| Strasmax_MPG-OS-v2_0_BOM.xls                     | Bill of materials for the two designs  |
| Strasmax_MPG-OS_v2_00_manufacturing.zip          | Manufacturing files for the PCB's  |
| Strasmax MPG-OS v2_0 - PCB drawing.pdf           | 1:1 PCB drawing, through-hole version  |
| Strasmax_MPG-OS v2_b_mechanical_and_indexing.pdf | Drawings of the mechanical assembly and explanation of the mechanical and optical indexing |
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