

Note on transistors:  
A1175 = PNP  
A144 = PNP  
C2001 = NPN  
AIL3Z = NPN  
C2785 = NPN

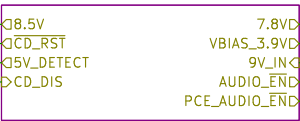
External mod on PCB  
R999, 2k2

Unused Expansion Port Connections



File: Unused.kicad\_sch

POWER



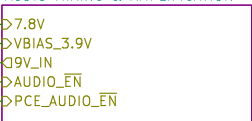
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MCU



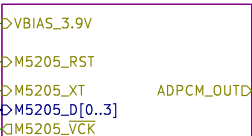
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AUDIO MIXING & AMPLIFICATION



File: audio\_amp.kicad\_sch

ADPCM



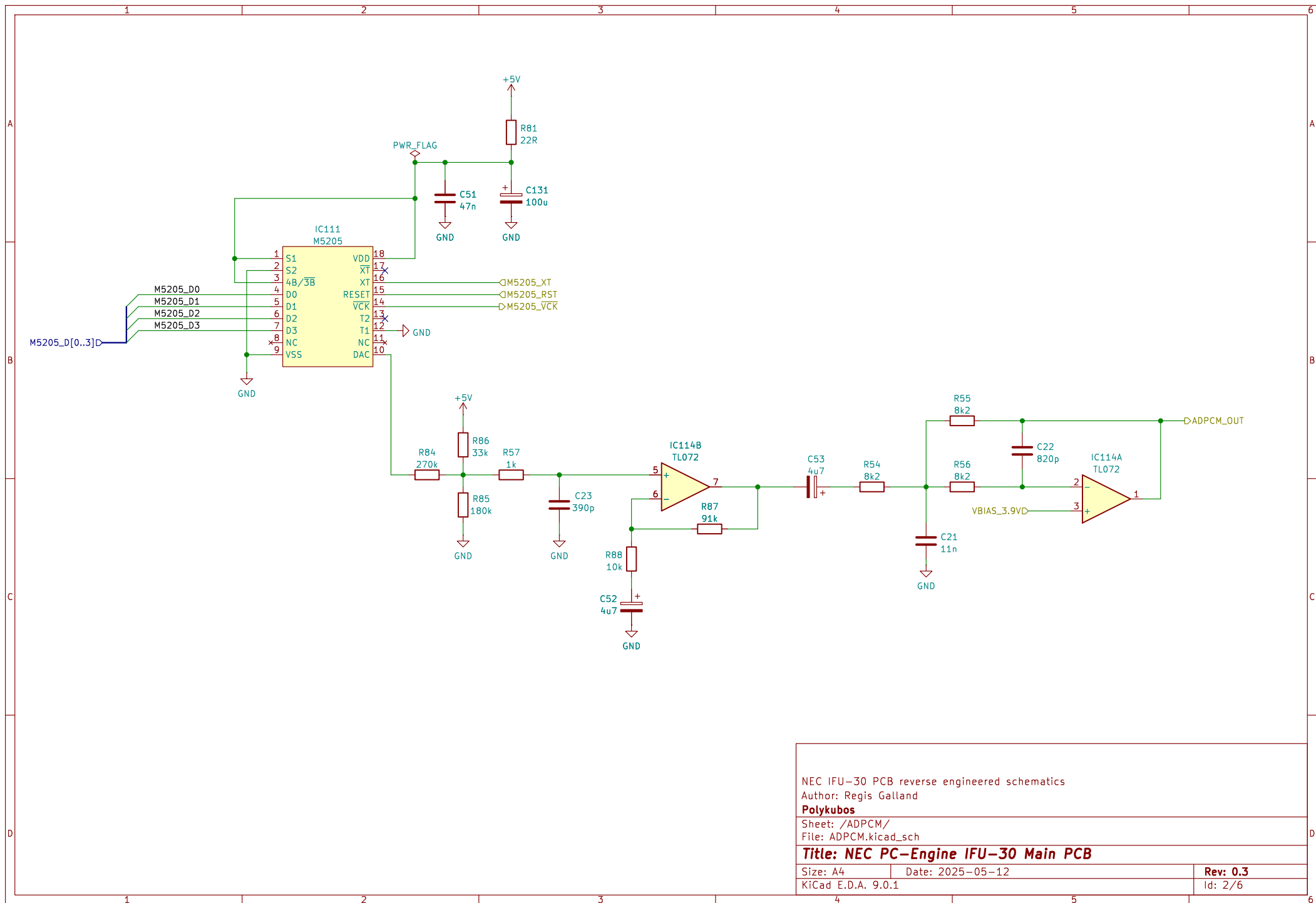
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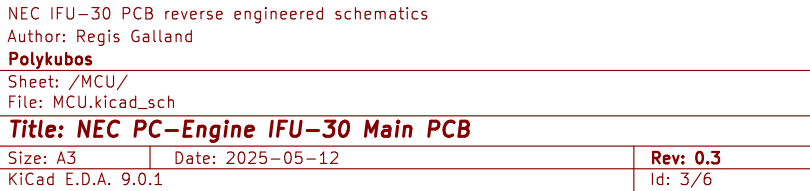
NEC IFU-30 PCB reverse engineered schematics  
Author: Regis Galland  
**Polykubos**

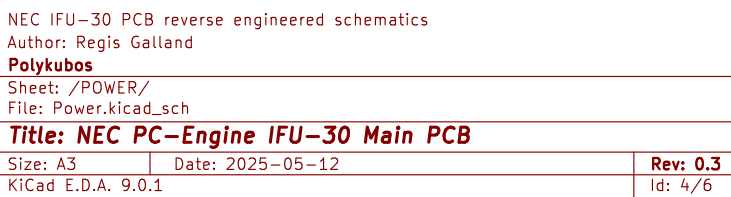
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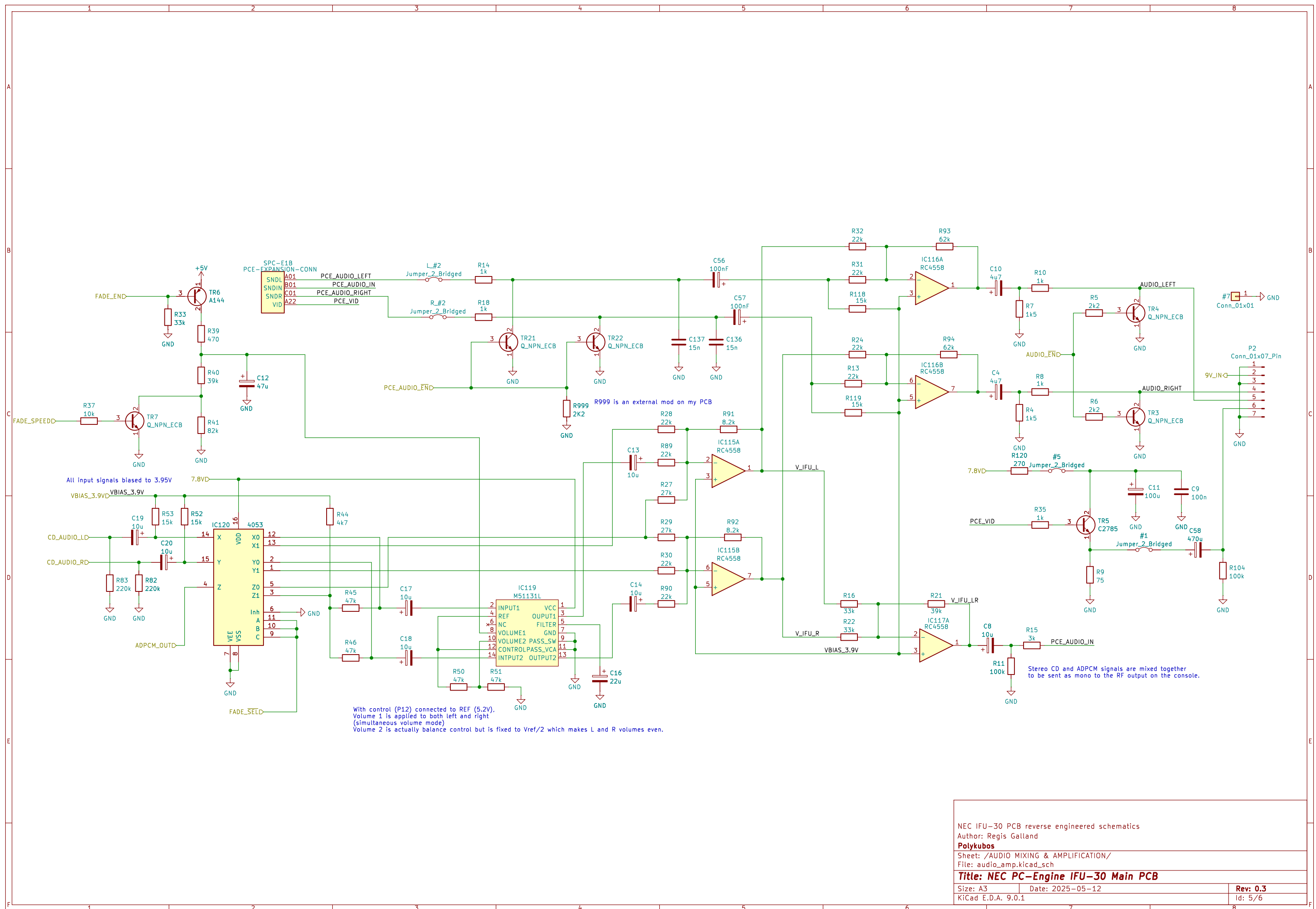
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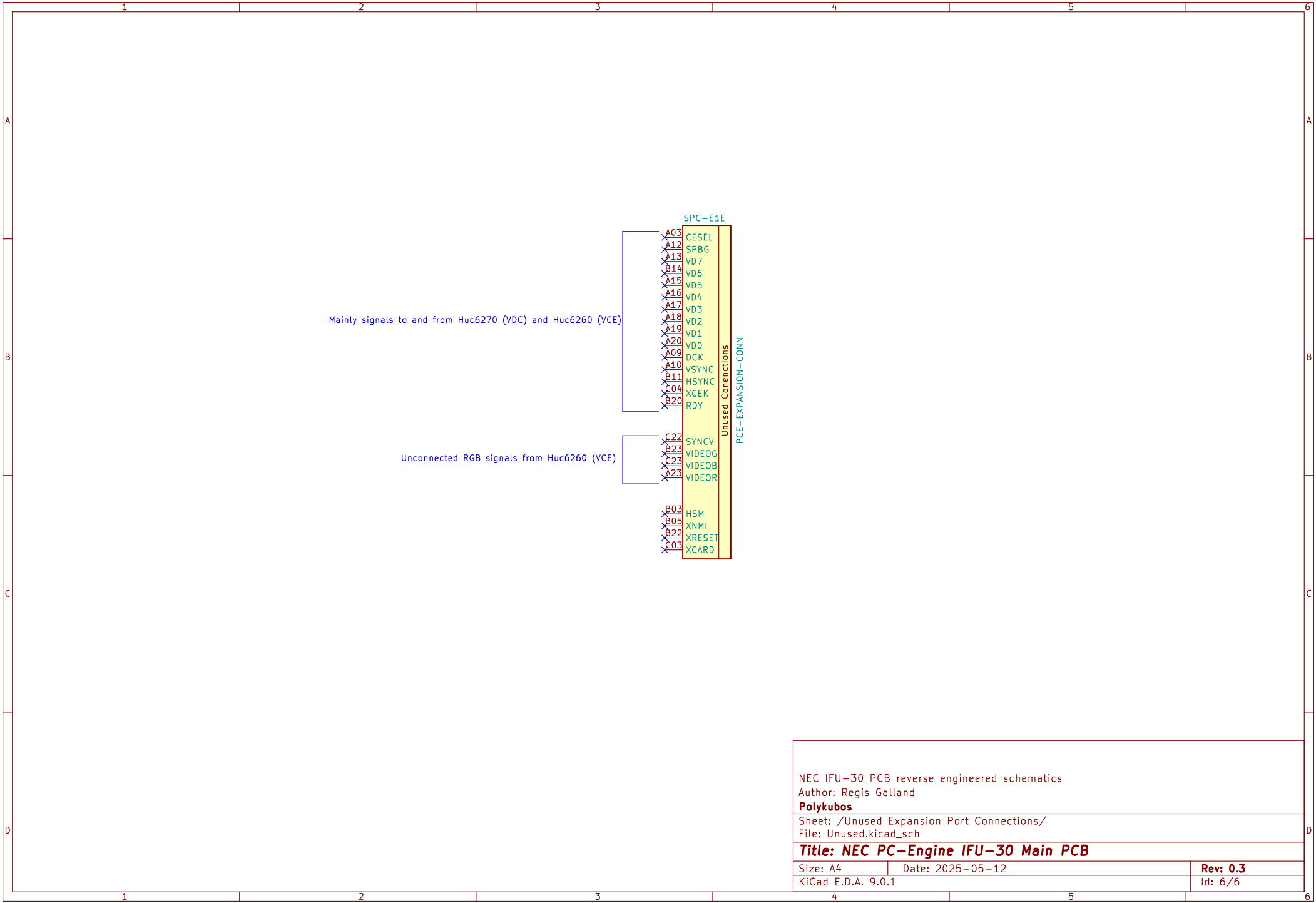
Size: A4	Date: 2025-05-12	Rev: 0.3
KiCad E.D.A. 9.0.1		Id: 1/6











NEC IFU-30 PCB reverse engineered schematics  
Author: Regis Galland  
**Polykubos**  
Sheet: /Unused Expansion Port Connections/  
File: Unused.kicad\_sch

Title: NEC PC-Engine IFU-30 Main PCB		
Size: A4	Date: 2025-05-12	Rev: 0.3
KiCad E.D.A. 9.0.1		Id: 6/6