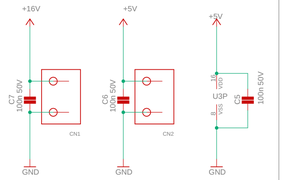
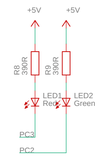
Raven Programmer

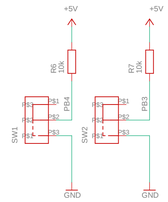
Power Connectors



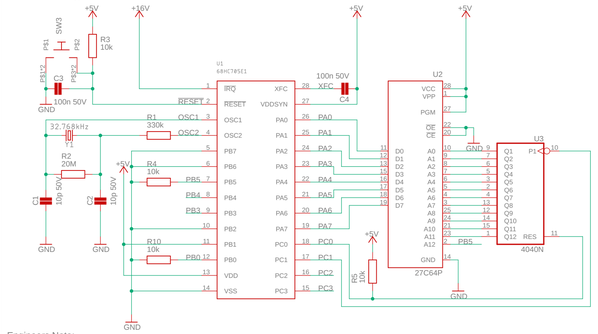
Status LEDs



Configuration Switches



Main Programmer



Engineers Note:
The Datasheet for the 68HC705e1 from NXP is dogshit. The programming circuit misses out that PB1
needs to be connected to VDD, and that PB7 and PB6 need to be connected to 0v. These changes were found and implemented after VDEV2.
The better datasheet to use is the document MC68HC705E1TS/D, which will be distributed with this schematic.

Engineers Note:
Design for a 68HC705e1 Programmer.
This is intended to program 68HC705e1 MCUs,
which should be a drop in replacement for
the 68HC05e1 - which in turn is used mutliple
early 90s Macintoshes as the "EGRET" or "CUDA" controllers.

This will hopefully generate drop in replacements for the EGRET or CUDAs.

Design based off programming circuit found in the 68HC705e1 Datasheet.

S/C: N/A	
Drawn By: DosFox	Raven_Programmer
Version: VDEV2	18/Oct/24 12:30
	Sheet: 1/1

ADDITIONAL ITEMS	KPN	QUANTITY