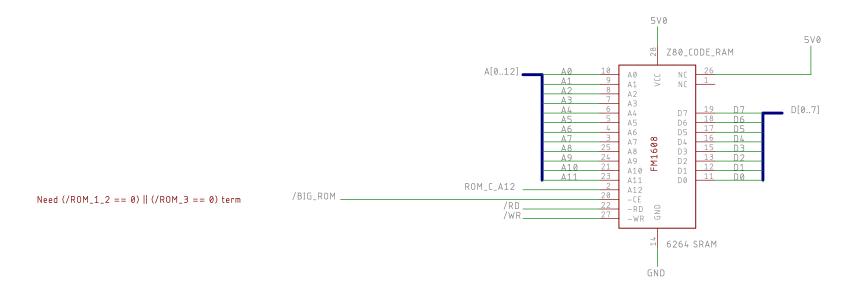
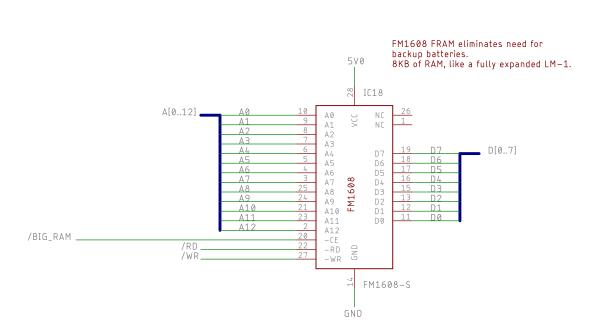
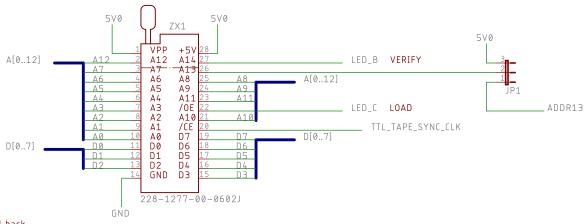


FRAM EPROM Replacement







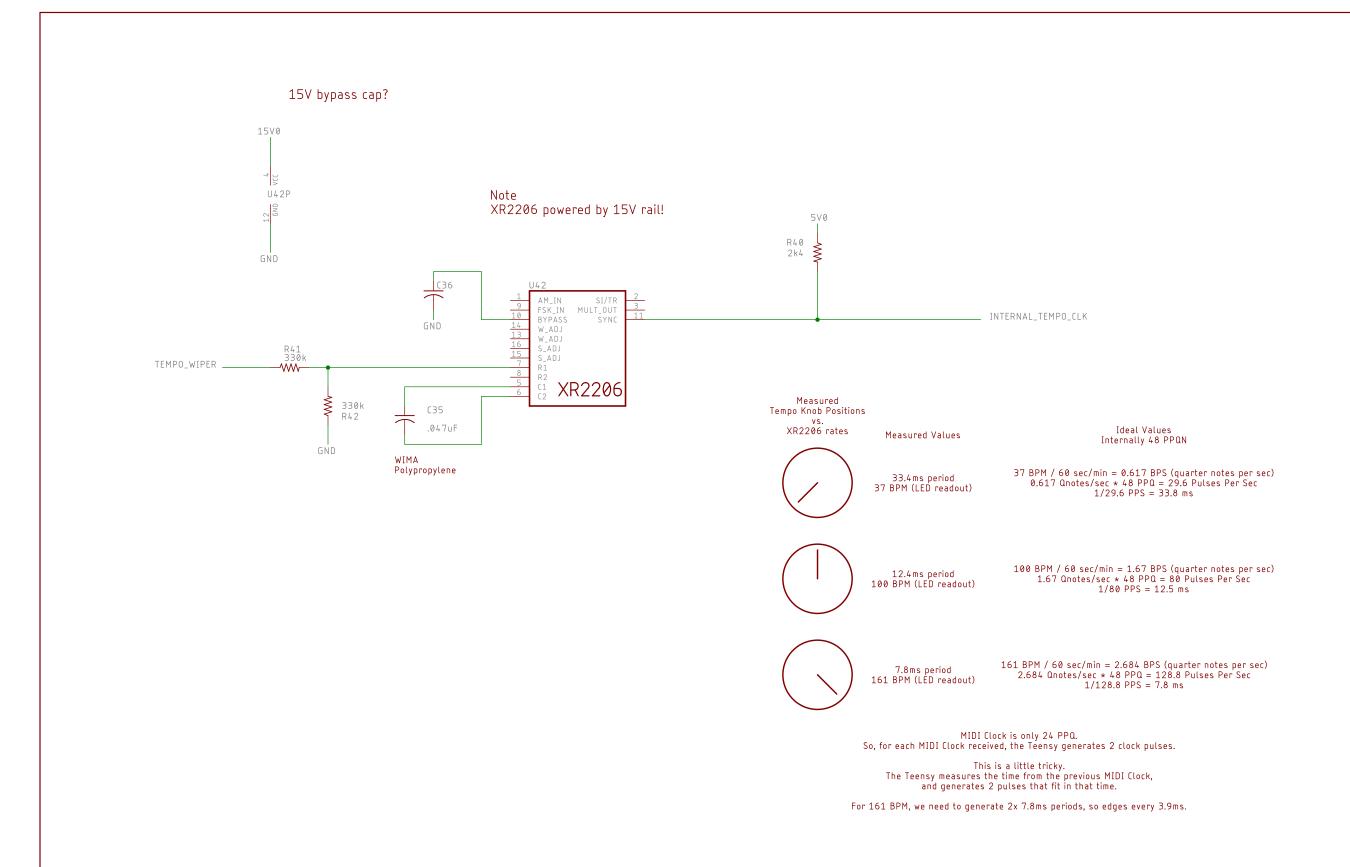
EPROM Reading is a total hack.

- 1. MENU -> EPROM DUMP, pause Z–80, Teensy takes bus 2. Prompt user for EPROM size
- 3. Tell user how to set power jumper
- 5. Telt diser now to set power july
  4. Data bus Z-80 -> Teensy
  5. Addr bus Z-80 <- Teensy
  6. Drive A13..A0 Z-80 Addr bus
  7. Drive A14 = 0 on LED\_B = 0

- 8. Drive /OE = 0, LED\_C = 0
  9. Ask user to insert EPROM, hit a key
  10. Read EPROM: present Addr[0..13], delay 100uS to settle, read data bus, repeat for all bytes up to 16KB
- 12. If 27256, ask user to remove EPROM, flip A14 to 1 (LED\_B = 1), repeat steps 8-11
- 13. Drive /OE = 1, LED\_C = 1
- 14. Save buffer someplace on SD, and/or in voice RAM

**MEMORY** TITLE: luma1\_D2\_41 REV: Document Number: Date: 1/17/24 07:12 5/10 Sheet:

https://github.com/joebritt/luma1 This work is licensed under a Creative Commons Attribution—ShareAlike 4.0 International License. See https://creativecommons.org/licenses/by-sa/4.0/.



TEMPO OSC & SYNC DECODER

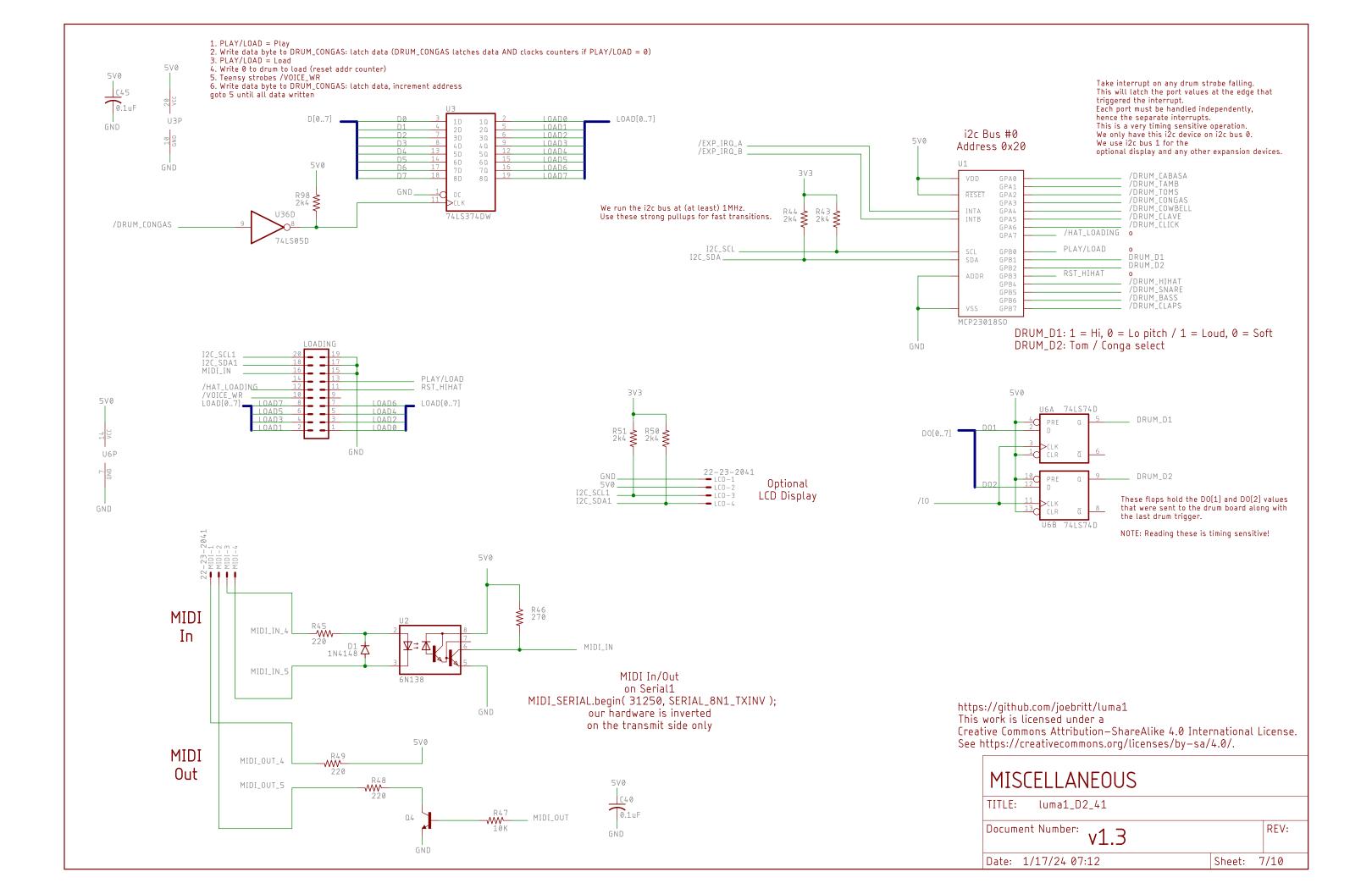
TITLE: luma1\_D2\_41

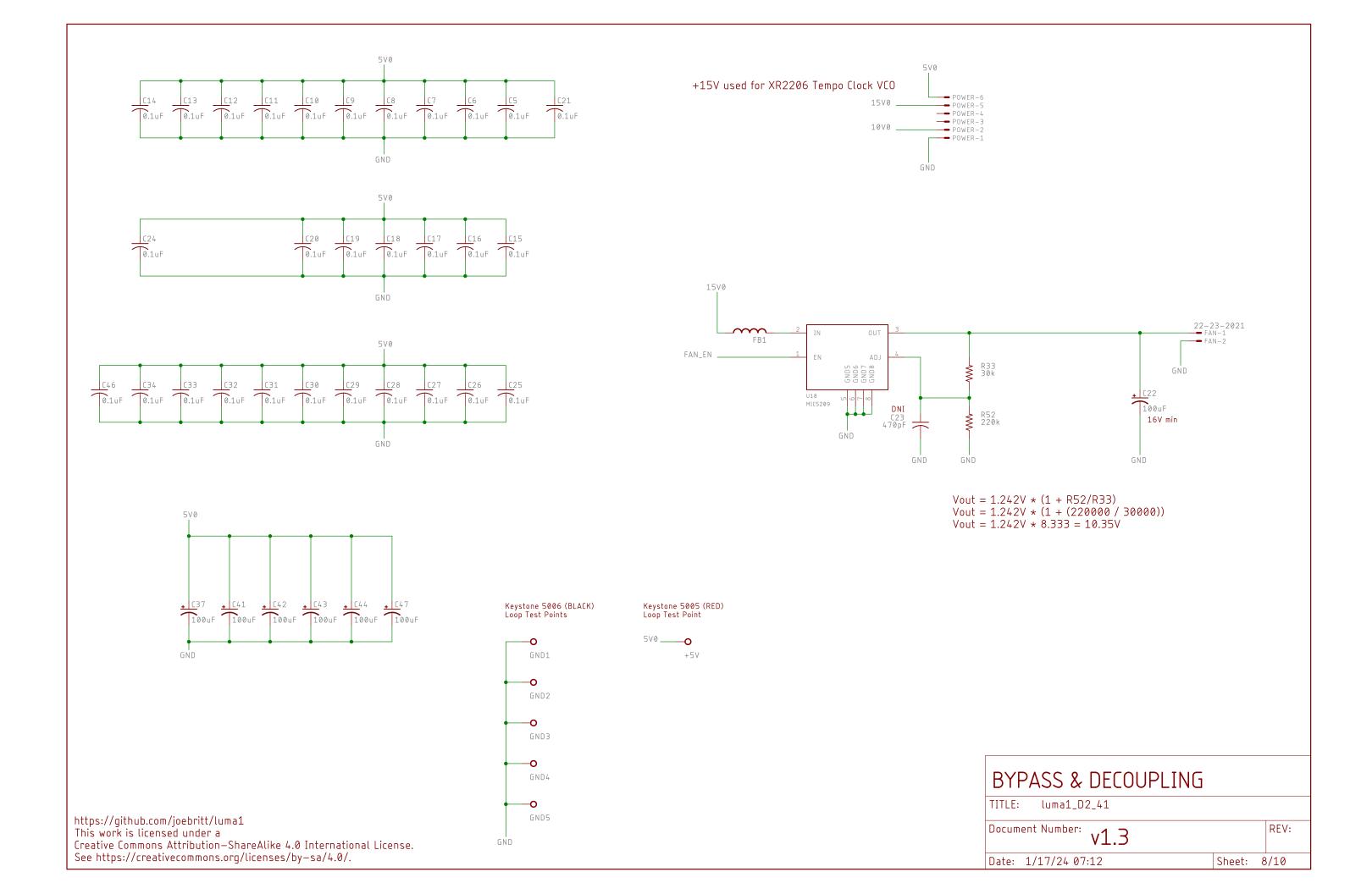
Document Number: v1.3

REV:

Date: 1/17/24 07:12

Sheet: 6/10





Key Matrix		DI7	DI6	DI5	DI4	DI3	DI2	DI1	DI0	
ROW 1	DC01	<b>7</b> 07	<b>6</b> 06	<b>5</b> 05	<b>4</b> 04	<b>3</b> 03	<b>2</b> 02	1 01	<b>0</b> 00	
ROW 2	DC02	ADJ SHUFL 0F	AUTO CORR OE	LENGTH	ERASE  OC	COPY 0B	REC ØA	<b>9</b> 09	<b>8</b> 08	
ROW 3	DC04	PLAY STOP 17	DELETE  16	INSERT 15	LAST ENTRY 14	> () 13	<	CHAIN # 11	CHAIN ON/OFF 10	
ROW 4	DC08	TÕM	TOM V	COŇQV	CONGA V	LOAD	VERIFY	SAVE	TEMPO	
ROW 5	DC10	<ul><li>○ 1F</li><li>HIHAT</li><li>/</li><li>○ 27</li></ul>	1E COWBELL 26	<ul><li> 1D</li><li>HIHAT</li><li>0</li><li>25</li></ul>	<ul><li>1C</li><li>HIHAT</li><li>0</li><li>24</li></ul>	<ul><li>☐ 1B</li><li>BASS</li><li>O</li><li>☐ 23</li></ul>	<ul><li>○ 1A</li><li>BASS</li><li>0</li><li>○ 22</li></ul>	<ul><li>19</li><li>SNARE</li><li>0</li><li>21</li></ul>	18 SNARE 0 20	
ROW 6	DC20	x 2F	x 2E	CABASA o 2D	CABASA 0 2C	TAMB o 2B	TAMB 0	CLAPS  29	CLAVE  28	80 = no key
Jacks		DI7	DI6	DI5	DI4	DI3	DI2	DI1	DI0	
	D803	CLK OUT SEL SWITCH	CLK OUT SEL SWITCH	CLK OUT SEL SWITCH	CLK OUT SEL SWITCH	TAPE STORE FROM	REC /SAFE	REMOTE PLAY/STOP FOOT SW	TAPE SYNC FROM	
						from XR2211?			$\uparrow$	
									TEMPO CLOCK	

KEYS & I/O MAPPINGS

TITLE: luma1\_D2\_41

Document Number: v1.3

Date: 1/17/24 07:12

REV:

