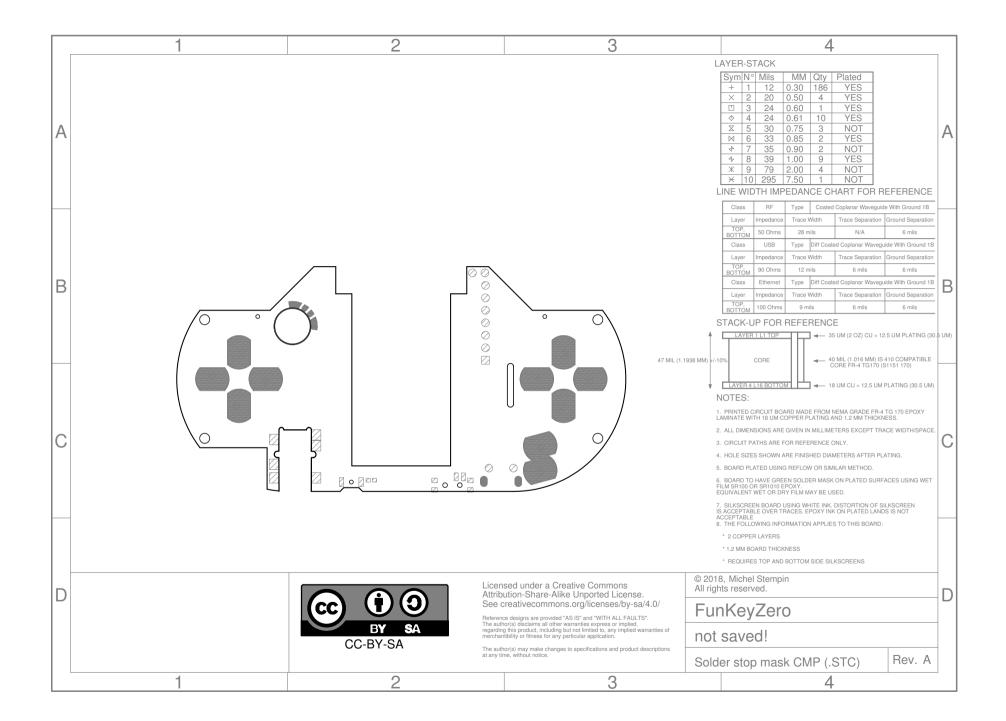
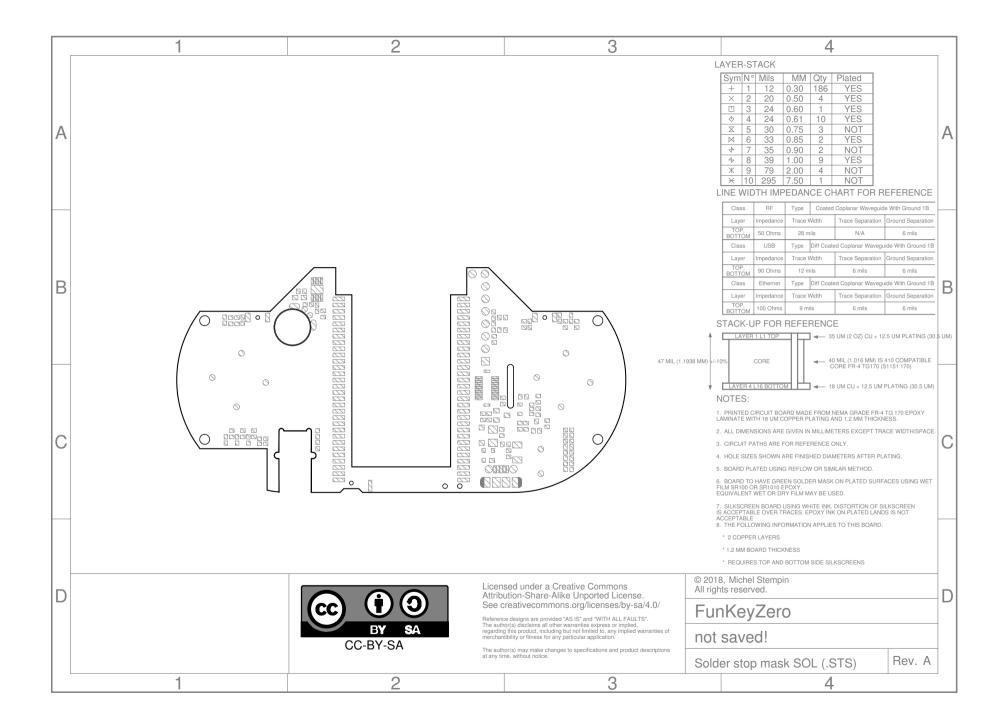
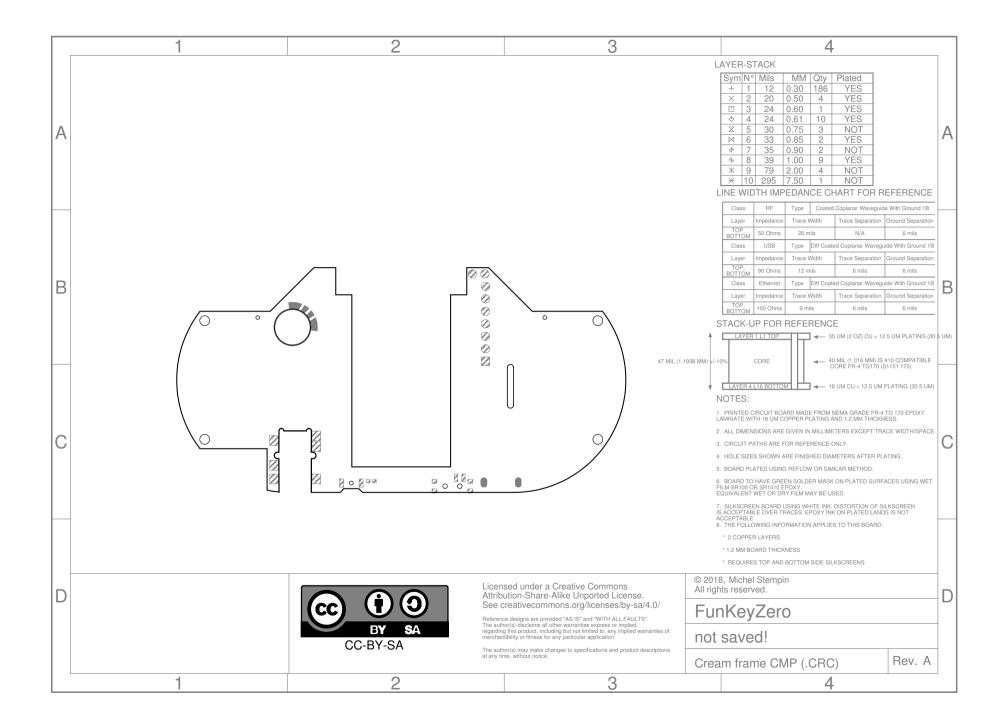
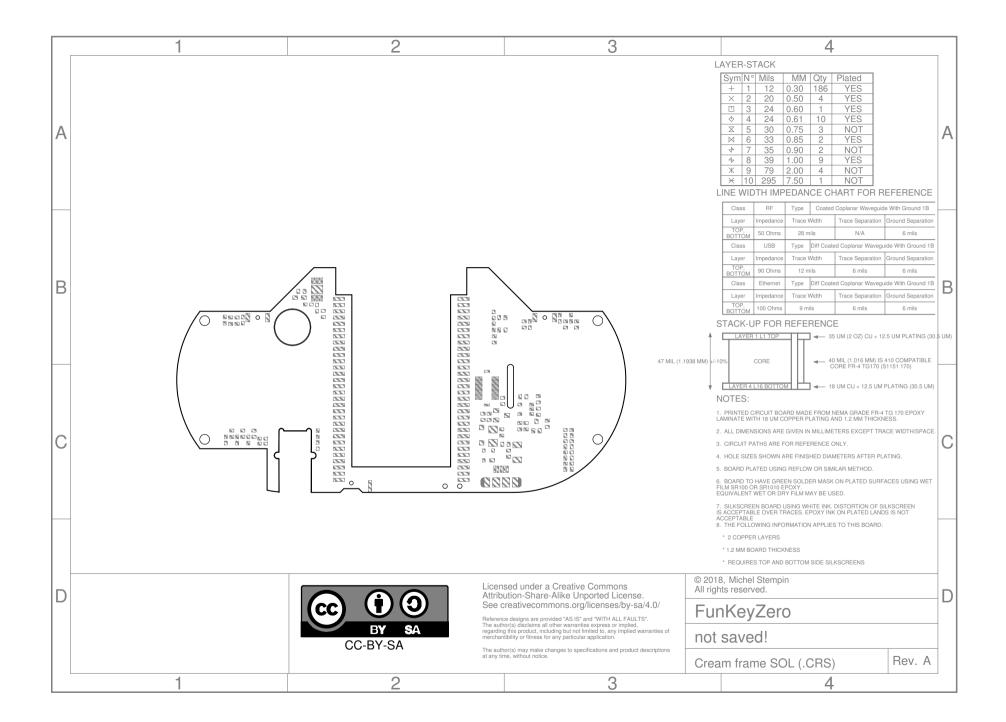


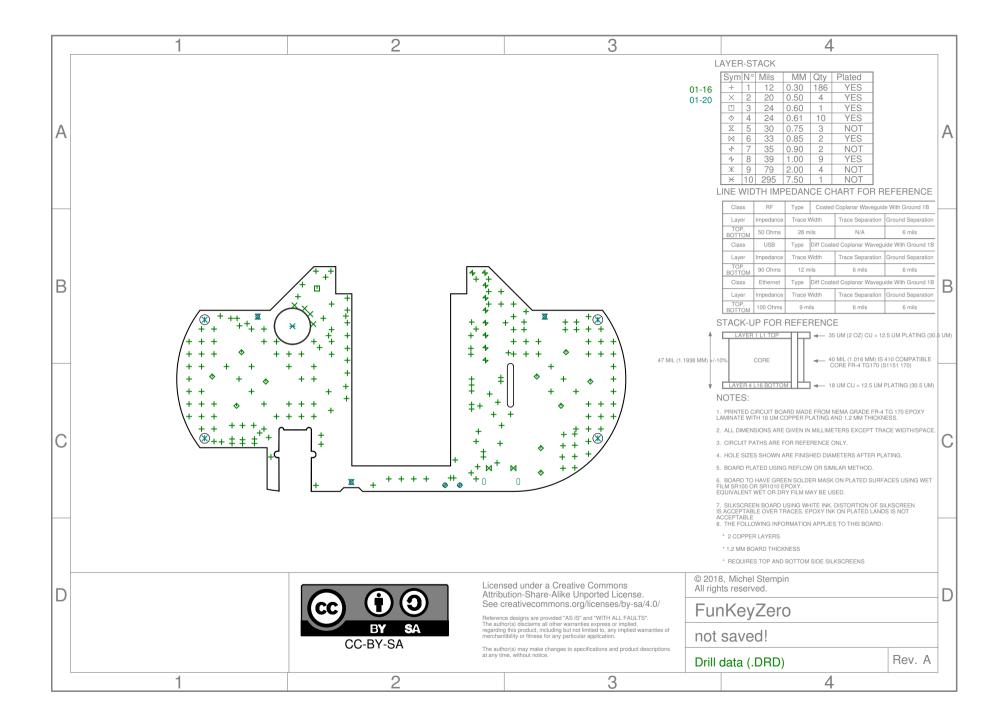
LAYER-STACK Sym № Mils MM Qty Plated + 1 12 0.30 186 YES × 2 20 0.50 4 YES □ 3 24 0.60 1 YES ◇ 4 24 0.61 10 YES	
A x 5 30 0.75 3 NOT M 6 33 0.85 2 YES * 7 35 0.90 2 NOT * 8 39 1.00 9 YES * 10 295 7.50 1 NOT LINE WIDTH IMPEDANCE CHART FOR REFE Class RF Type Coated Coplanar Waveguide With	
B	I Separation 5 mils 1 Ground 1B 1 Separation 5 mils 1 Separation 6 mils PLATING (30.5 UM) MPATIBLE
C	G (30.5 UM) EPOXY DTH/SPACE: ISING WET
D D D D CC-BY-SA D D D D D D D D D D D D D	D
1 2 3 4	











	1	2	3	4
A				LAYER-STACK Sym № Mils MM Qty Plated + 1 12 0.30 186 YES × 2 20 0.50 4 YES □ 3 24 0.60 1 YES ◇ 4 24 0.61 10 YES ◇ 5 30 0.75 3 NOT ⋈ 6 33 0.85 2 YES ◆ 7 35 0.90 2 NOT 4 8 39 1.00 9 YES × 9 79 2.00 4 NOT × 10 295 7.50 1 NOT LINE WIDTH IMPEDANCE CHART FOR REFERENCE
в				Layer Impedance Trace Width Trace Separation Ground Separation TOP, BOTTOM 50 Ohms 28 mils NA 6 mils Class USB Type Diff Coated Coplanar Waveguide With Ground 1B Layer Impedance Trace Width Trace Separation BOTTOM 90 Ohms 12 mils 6 mils 6 mils Class Ethernet Type Diff Coated Coplanar Waveguide With Ground 1B Layer Layer Impedance Trace Width Trace Separation Ground Separation Class Ethernet Type Diff Coated Coplanar Waveguide With Ground 1B Layer Layer Impedance Trace Width Trace Separation Ground Separation TOP, BOTTOM 100 Ohms 9 mils 6 mils 6 mils 6 mils STACK-UP FOR REFERENCE
С				CORE FR-4 TG 170 (S1151 170) CORE FR-4 TG 17
D		CC-BY-SA	Licensed under a Creative Commons Attribution-Share-Alike Unported License. See creativecommons.org/licenses/by-sa/4.0/ Reference designs are provided "AS IS" and "WITH ALL FAULTS". The author(s) disclaims all other waranise express or implied regarding this product, including but not limited to, any implied waranties of merchantibility or fitness for any particular application. The author(s) may make changes to specifications and product descriptions at any time, without notice.	ACCEPT NALE 8. THE FOLLOWING INFORMATION APPLIES TO THIS BOARD: • 2 COPPER LAYERS • 1.2 MM BOARD THICKNESS • REQUIRES TOP AND BOTTOM SIDE SILKSCREENS © 2018, Michel Stempin All rights reserved. FunKeyZero not saved! Component Assembly CMP (.ASC) Rev. A
	1	2	3	4

