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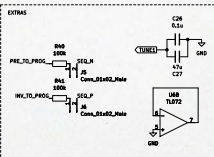
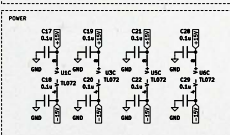
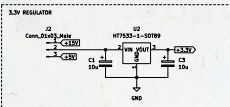
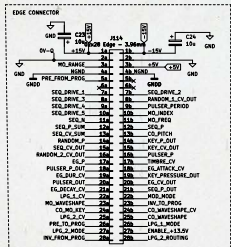
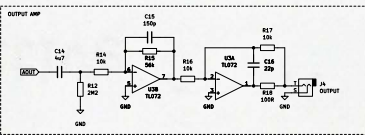
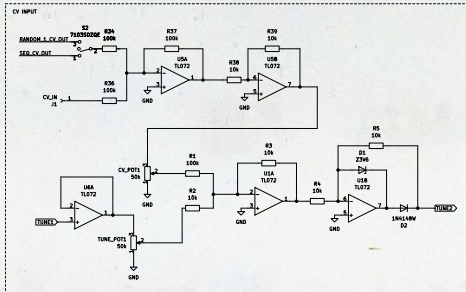
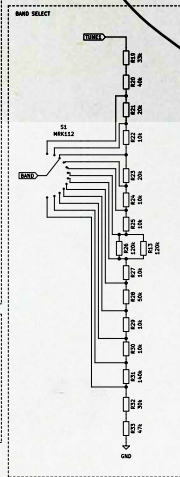
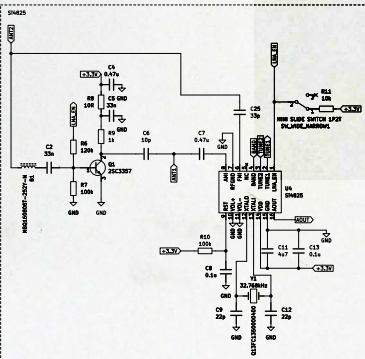
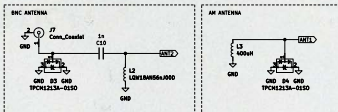
RADIO RECEIVER CARD

208-7

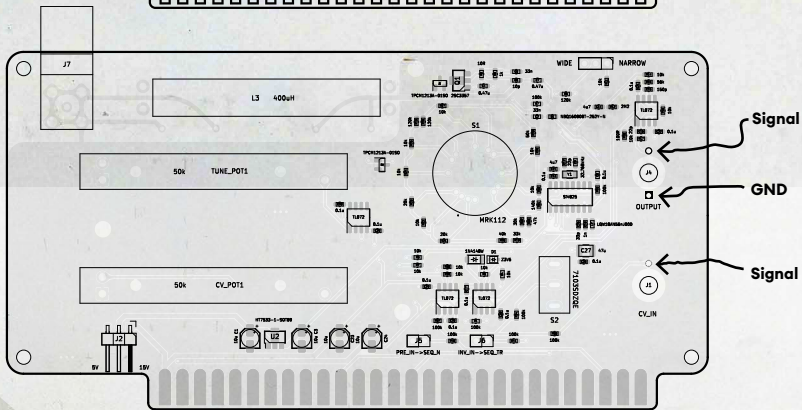
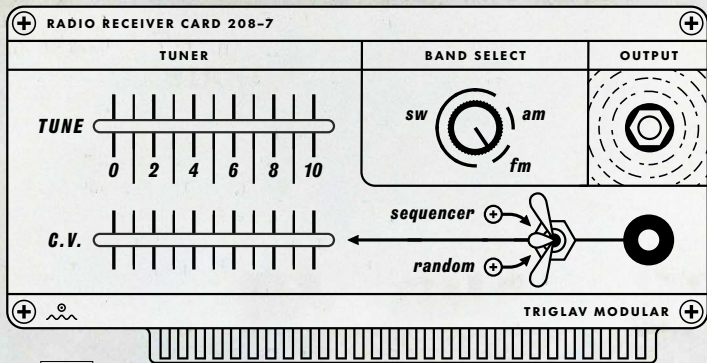
TRIGLAV MODULAR

BUILD GUIDE VER. 2

SCHEMATICS



BOARD REFERENCES



BOM

→ Mouser cart ←

REFERENCE	MFR. NO.	DESCRIPTION	NOTES	QTY.
TUNE_POT, CV_POT	Alps RS4511150K	Slider		2
J1	108-0903-001	Black banana Jack		1
J4	TE Connectivity 42A	Tini-jax 2 pin		1
J2	Pin Header 1x3 2.54mm Horizontal (optional)		+ 2 pin jumper	1
S1	NKK MRK112	12 position rotary switch		1
	KR104	Shaft adapter		1
	Rogan RB Small	Red knob		1
SW_ WIDE_NARROW	CUI Devices MSS-102559-14A-D	Mini SPDT slide switch	10 × 2.5 × 5.9 mm, 1.4 mm	1
S2	C&K 7103SDZQE	Mini SPDT switch	ON-OFF-ON	1
		Red switch cap	Thonk	3
L3		Ferrite antenna (180-420 uH)	5 × 8.3 × 51 mm	1
J7	TE Connectivity 5415025-2	BNC Socket		1
		BNC Antenna		1
	970120354	Female-Female standoff	12 × 5 mm	7
	971050354	Male-Female standoff	5 × 5 mm	7
		M3 screw		8
	TE Connectivity 63849-1	Terminals Tab .250		2
		Zip tie	6.35 mm wide	2

BUILD NOTES

- The ferrite antenna should be held in place with two zip ties.
- The Tini-jax wiring can be seen on page 3.
- The Narrow / Wide slide switch can be omitted or hardwired.
- The MRK112 has a tiny shaft, so the KR104 shaft adapter is essential.
- The Si4285 runs at 3.3 V. The linear regulator can work from either the 5 V rail or the 15 V rail, but it's recommended to use the 5 V rail when available on the card slot.
- The antennas are not available on Mouser or Digikey, use Aliexpress or alternative sources.
- Use the zip ties to secure the AM antenna in place.
- I'd suggest Thank for the nicest red switch caps.
- The Alps RS4511150K is the same used on the 208. SAModular or Farnell probably have them in stock.
- Rogan knobs can be sourced from SAModular or Thank.

Designed & built in Budapest
by Triglav Modular.

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torigurafu@icloud.com
@triglav.modular

Love to Éva Bárdits, Don Buchla, John Cage,
David Tudor, Aaron Lanterman, and Goodiepal.





**SLIP THROUGH
THE ETHER**