



IOJXX di Donzello
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IOJXX SEQUENCER V 1.0.1

Switching control unit for transceiver systems

Characteristics:

Switcher with 4 electromechanical relè connected in series for intrinsic safety:
1A@120Vac / 2A@24Vdc:

PREAMPLIFIER - P.A. - RTX-PTT - RTX-KEY

Configuration parameters:

- Switching delay time RX>TX TX>RX Every mode from 50 to 500 mS (step 10 mS)
- Switching delay time CW TX>RX from 100 to 900 mS (step 100 mS)
- Name on display (6 alphanumeric characters)
- Display lighting 2 modes: always on / on only during configuration

Status information on display: RX / TX

INPUT: MIC-PTT (foot switch), CW-KEY (2 contacts, single button o jambic)

Display: LDC 2 lines per 16 letters, blue color (with contrast adjustment)

Menu access through 4 frontal switch

Ends: clamps

Alimentation: 12 Vdc (Consume: 180 mA TX; 40 mA RX). No internal battery

Dimensions: L100 x H50 x P110 mm

Weight: 115 g

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Connections:

INPUT:

POWER:	1: GND	2: +12 Vdc	
MIC-PTT:	1: OPEN PTT	2: GND	
CW-KEY:	1: OPEN KEY A	2: GND	3: OPEN KEY B

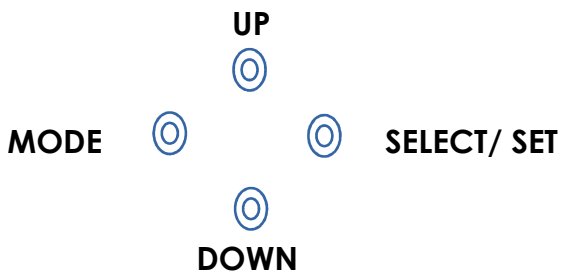
OUTPUT:

PRE-AMP:	1: NC	2: COMMON	3: NO
PA-TX:	1: COMMON	2: NO	
RTX-PTT:	1: COMMON	2: NO	
RTX-KEY:	1: = KEY A (On TX)		
	2: GND		
	3: = KEY B (On TX)		

Adjustments:

R1 Trimmer adjusts the contrast of the display

Settings: four frontal switch allow settings



MODE: Selects the parameter to modify *Seleziona il parametro da modificare*

UP e DOWN: change the parameter

SELECT / SET: Select the alphanumeric callsign and/or confirm settings

MODE:

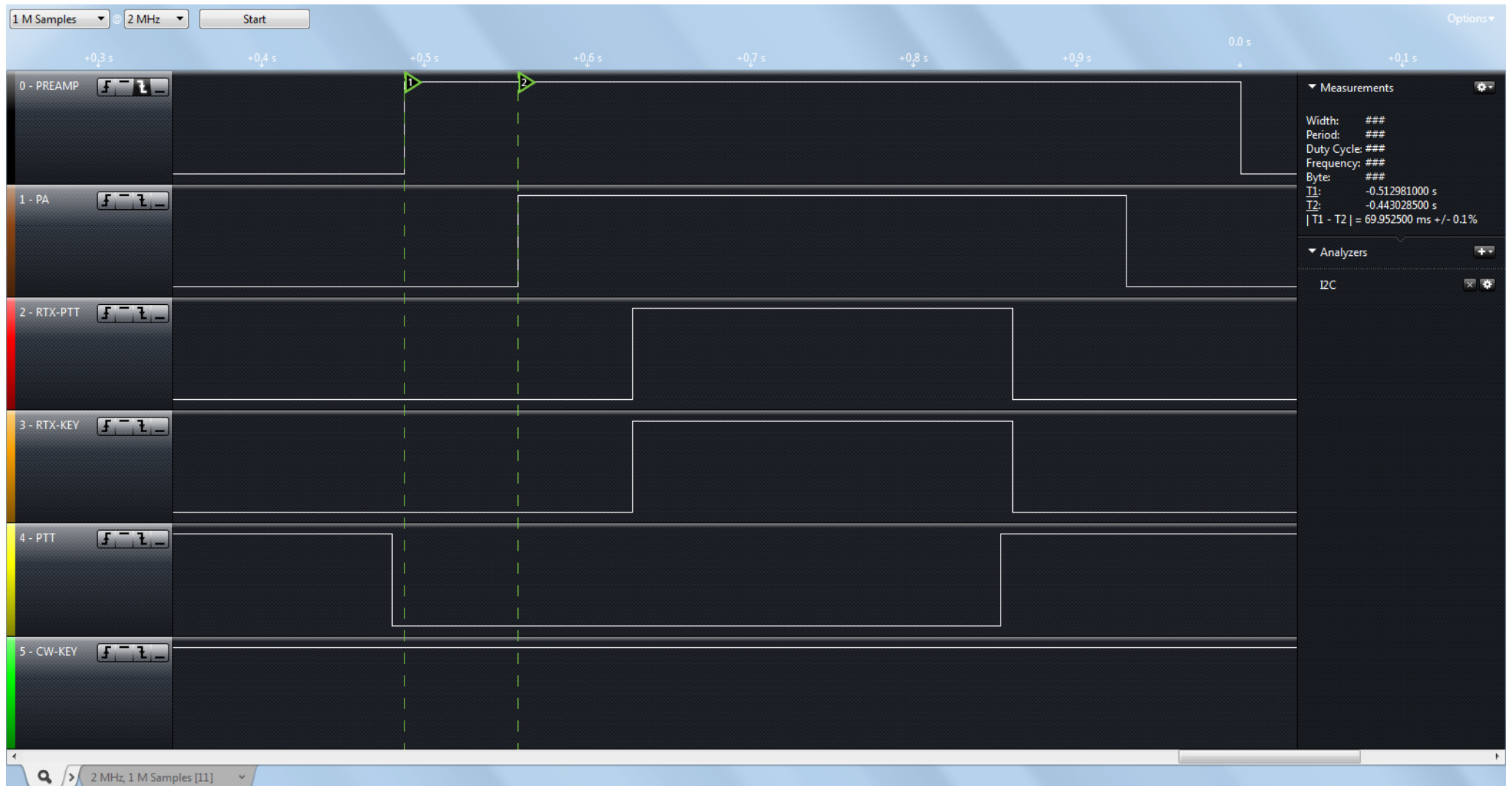
Set delay: selects the delay switch in every TX modes except CW in RX

Set delay CW: selects the delay switch for RX for CW

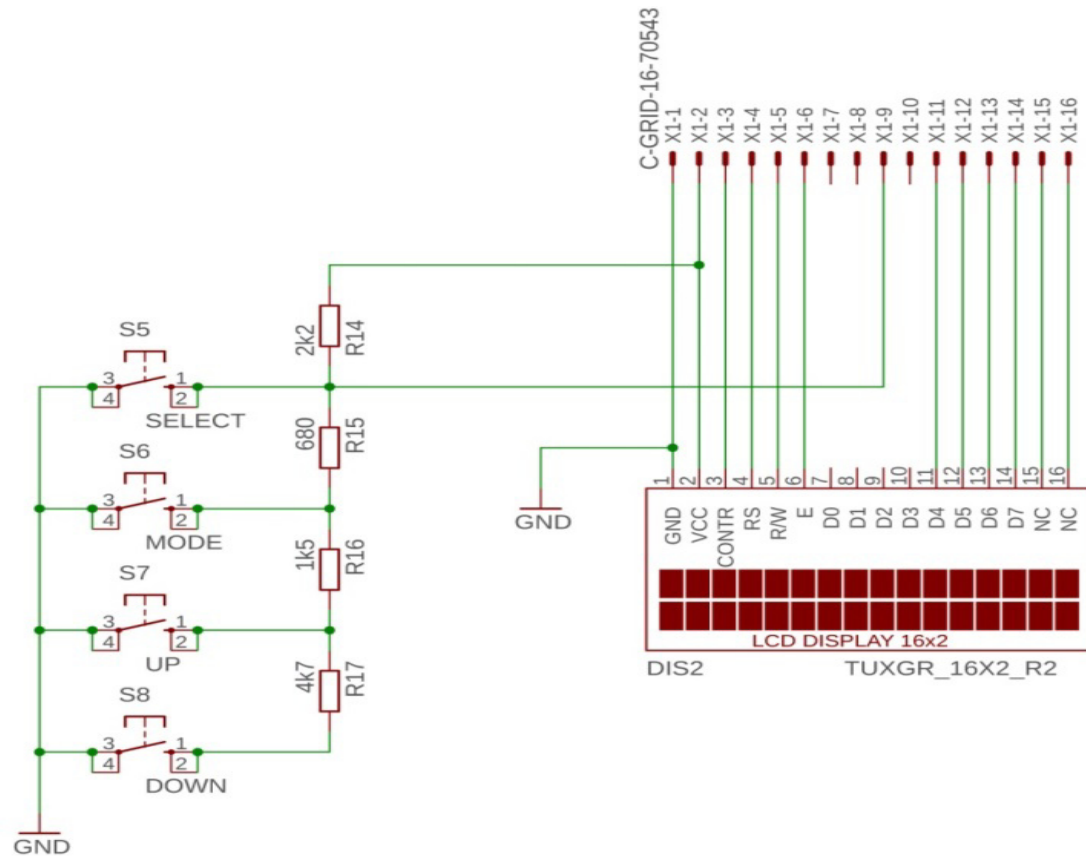
Set call: selects callsign

Light mode: Auto/On. ON: display always lightned. Auto: lightning only when parameters are selected

TIMING DIAGRAM



DISPLAY BOARD DIAGRAM



SEQUENCER DIAGRAM

