



- NOTES:
- R3 is the resistor outside the receiver on the UHF Repeater (needed?)
 - Status Leds (PTT Active, Voice Active, Morse Active...?)
 - P1.0 and P1.1 need external pull ups
 - ISD1810 is active with LOW to HIGH transition
 - ISD1416 is the opposite (High to Low)
 - Possibility to monitor Tone Decoder (Maybe Tone Decoder Fan !!!)
 - Optional ISD_PLAY R14 for 1820 L2H transition. Remove otherwise

Top (MCU, ISD Voice ID Interface, Morse Code Tone/Pitch Generator)
Adapted from
CT4QC Original
CT1ENQ, CT1EYN

Sheet: /
File: RepeaterController.sch

Title: UHF Repeater NEUTEC 1630

Size: A4 Date: 2021-03-22

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