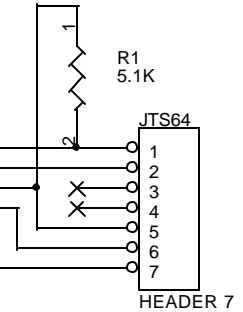


COM-SPEC TS-64

PLEASE CONSULT THE COM-SPEC DATA SHEET FOR FURTHER INFORMATION OR PRODUCTION CHANGES THAT MAY AFFECT THEIR PRODUCT. COM SPEC CAN BE REACHED AT 800-854-0547

PIN 1 / +13.8V IN RED
 PIN 4 / DECODER IN GREEN
 PIN 5 / RX MUTE / DECODER OUT WHITE
 PIN 6 / ENCODER OUT YELLOW
 PIN 3 / GROUND BLACK
 PIN 8 / PTT INPUT ORANGE
 PIN 9 / HANG UP VIOLET

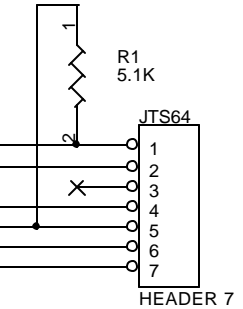


EXAMPLE 1: TS-64 ENCODE/DECODE ONLY WITHOUT PL FILTER OR REVERSE BURST

COM-SPEC TS-64

PLEASE CONSULT THE COM-SPEC DATA SHEET FOR FURTHER INFORMATION OR PRODUCTION CHANGES THAT MAY AFFECT THEIR PRODUCT. COM SPEC CAN BE REACHED AT 800-854-0547

PIN 1 / +13.8V IN RED
 PIN 4 / DECODER IN GREEN
 PIN 7 / HIGH PASS FILTER OUT BLUE
 PIN 5 / RX MUTE / DECODER OUT WHITE
 PIN 6 / ENCODER OUT YELLOW
 PIN 3 / GROUND BLACK
 PIN 8 / PTT INPUT ORANGE
 PIN 9 / HANG UP VIOLET

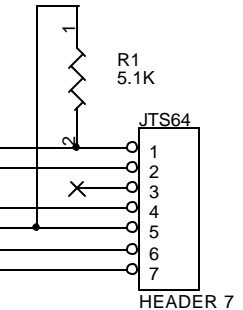


EXAMPLE 2: TS-64 ENCODE/DECODE WITH PL FILTER

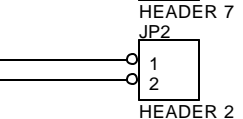
COM-SPEC TS-64

PLEASE CONSULT THE COM-SPEC DATA SHEET FOR FURTHER INFORMATION OR PRODUCTION CHANGES THAT MAY AFFECT THEIR PRODUCT. COM SPEC CAN BE REACHED AT 800-854-0547

PIN 7 / HIGH PASS FILTER OUT BLUE
 PIN 5 / RX MUTE / DECODER OUT WHITE
 PIN 6 / ENCODER OUT YELLOW
 PIN 3 / GROUND BLACK
 PIN 9 / HANG UP VIOLET



PIN 8 / PTT INPUT ORANGE
 PIN 2 / DELAYED PTT OUT GREY



EXAMPLE 3: TS-64 ENCODE/DECODE WITH PL FILTER AND REVERSE BURST PTT DELAY

NOTES:

- 1.) DO NOT JUMP J-7 ON TS-64.
- 2.) PIN 3 ON JTS64 IS UNUSED ON TS-64. IT IS USED FOR SUPPLYING DISC AUDIO TO OLDER TS-32 CTCSS BOARDS.
- 3.) 2 PIN CONNECTOR MOLEX P/N 22-01-3027 (DIGI-KEY WM2011-ND) OR EQUIV.
 7 PIN CONNECTOR MOLEX P/N 22-01-3077 (DIGI-KEY WM2016-ND) OR EQUIV.
 CRIMP PIN INSERTS MOLEX 08-50-0114 (DIGI-KEY WM2200-ND) OR EQUIV.
 DIGI-KEY CAN BE REACHED AT 800-344-4539
- 4.) PL FILTER SHOULD BE USED IN INSTALLATIONS WITH OPTIONAL DIGITAL AUDIO DELAY
- 5.) COM-SPEC TS-64 NOT SUPPLIED BY NHRC.

NHRC Repeater Controllers

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 Pembroke, NH 03275
 603-485-2248
<http://www.nhrc.net>

Title
COM-SPEC TS-64 APP NOTE FOR NHRC3/M2+ REV B PCB ONLY

Size	Document Number	Rev
A	TS-64 APP NOTE	A

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