+28V TP1 +28V
TP2 GND
DIS TP3 PTT
EN TP4 EN

+28V

Q1 IRLML9301
RX_28V

U1 MC78M12ACDTRKG
IN OUT GND
LNA_12V +12V TP6 LNA_12V
TP7 GND

C3 10uF GND
C4 1uF GND
C5 0.1uF GND GND

D1 BAS16W
R1 10k
R4 10k
R2 6k
R5 13k
R6 20k
R7 2.5k
R3 2k
C2 0.01uF GND
GND

Q2 MMBTA06LT1G

D2 BAS16W
C1 0.01uF GND

RX_EN JP1
EN

TP8 XFER
D3 US1M GND
TP9 GND

+12V
R8 10k
D4 LED
GND

H1 #4
H2 #4
H3 #4
H4 #4

EN Signal:
– Ground to enable LNA and switch XFER position to energized
–JP1 Solder Jumper defaulted to route EN Signal to connector....
– JP1 could be switched to ground by default, which enables system automatically if 28VDC is applied
DIS
– Intended for system level safety and lockout control.
– When low disables system, and overrides EN functionality

Title: Duplexer & LNA Control, Version 1

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