

M17 signal flow

Power supply flow

External power supply 5V goes through J1, and voltage becomes low and current rectifies by D7, D3, D6. then pass through IC4 to output 3v; the 3v power IC8 9th pin IC3 8th pin and Q4 \ Q7 \ Q8.

Audio signal flow

Audio signal pass through CON1 interface, at Left track audio signal goes through R1, C1, IC1 pin21; at Right track R2, C2, IC1 pin22, both L and R track audio signal will be stereo encoded and amplified, and from its 8th pin outputted. Then pass through R18, C28, C36, L4 to antenna.

CPU control

CPU will control RF signal transmission automatically when CPU pin8 receive the signal come from audio signal which is **rectified** by C42, R32, C43, R31 Q4, Q7, Q8.