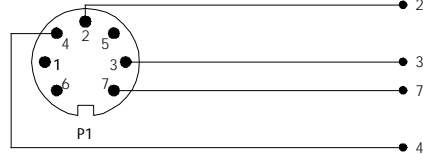
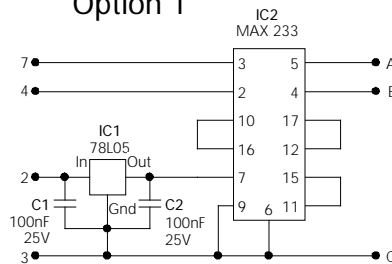


mc 3030

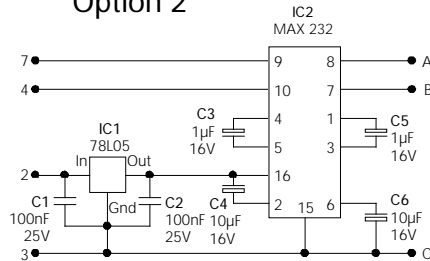
7 Way 270° DIN Plug (male)



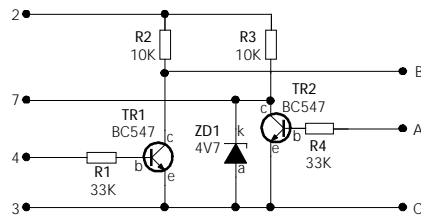
Option 1



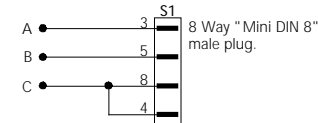
Option 2



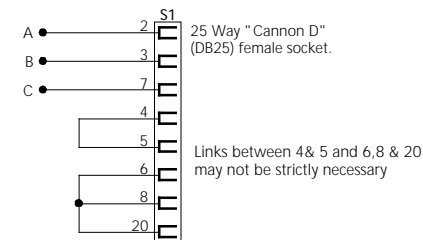
Option 3



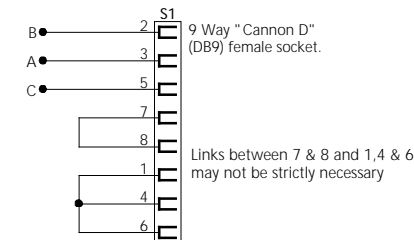
Macintosh



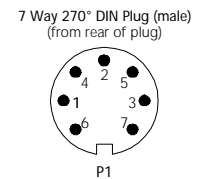
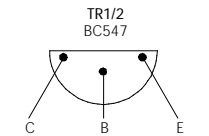
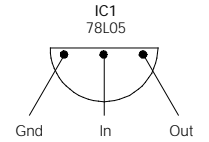
PC 25W



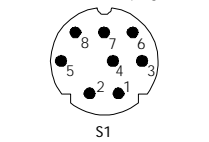
PC 9W



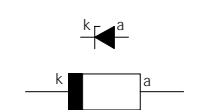
Device Pinouts (viewed from underside)



Mini DIN 8 Plug (male) (from rear of plug)



ZD1 4.7v Zener



Instructions

- All components should be widely available at your favourite electronics store.
- Choose output connector option for your Mac or PC (right column)
(Note: I strongly suggest using a pre-wired Mini DIN 8 plug for the Mac)
- Choose circuit preference (centre column) - Option 1, 2 or 3
(note: All 3 are OK on PC, opt 2 has been tested on Mac - opt 1 should also be OK)
- You have no option on the mc 3030 DIN connector !
- Build circuit on perf/strip board, or make a PCB if you like. If using a 25W DB connector, then you may be able to keep the components inside the connector shell. Otherwise, build it in a small plastic box. For security and signal quality, keep the lead length between circuit and the mc 3030 as short as possible (about 2 metres - 6 feet).
- When wiring up the DIN plug, match the pin numbers to the circuit. Similarly, match the output pin letters to the output connector.
- Double, then triple check your wiring - but then you would have anyway - wouldn't you ?

While every care has been taken in the design and drawing of this schematic, mistakes DO and CAN happen - the onus is on YOU to ensure all is well.

FYI - Pin assignments on mc 3030

- Charger Input (+)
- Voltage from Power Switch (+)
- Ground (-)
- I/O - Trainer Signal - Tacho Input
- Trainer (RF disable) - strap to Gnd (3) to enable trainer on 4, and switch off RF module.
- N/A
- Tacho enable - strap to Gnd (3) to enable tacho signal on 4.

Acknowledgement is given to Geoff Sokoll and others for the information in this diagram.

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