

AVR_JTAG Connector Pinout

| | | | |
|---------|---|---|-------|
| TCK | ① | ② | GND |
| TDO | ③ | ④ | VTref |
| TMS | ⑤ | ⑥ | nSRST |
| Vsupply | ⑦ | ⑧ | nTRST |
| TDI | ⑨ | ⑩ | GND |

Note: This connector is a standard 100mil dual row pin strip header

Digikey footprint reference part number S2012-05-ND

AVR Connector Pinout (AVR_CON1)

| | | | |
|--------------|---|---|--------------|
| COM_GND | ① | ② | COM_VCC |
| AVR_TXD(RAW) | ③ | ④ | AVR_RXD(RAW) |
| AVR_RST | ⑤ | ⑥ | AVR_PB1 |
| AVR_INT | ⑦ | ⑧ | COM_GND |
| AVR_RXD | ⑨ | ⑩ | AVR_TXD |

Note: This connector is a standard 2mm dual row 10 pin strip header

Digikey footprint reference part number 3M1210-ND

ARM THUMB Connector Pinout (TH_CON1)

| | | | |
|---------|---|---|---------|
| JT_GND | ① | ② | JT_VCC |
| JT_TDI | ③ | ④ | JT_TCK |
| JT_TDO | ⑤ | ⑥ | JT_TMS |
| JT_NRST | ⑦ | ⑧ | TH_INT |
| TH_TXD | ⑨ | ⑩ | TH_RXD |
| COM_GND | ⑪ | ⑫ | COM_VCC |

Note: This connector is a standard 2mm dual row 12 pin strip header

Digikey footprint reference part number 3M1212-ND