

Electrical Power Panel - Fairchild A-10 Thunderbolt II



6 interrupteurs

7 bits

Battery Power Switch	ON-OFF
AC Instrument Inverter.	ON-OFF-(ON)
AC Instrument Inverter.	
AC Instrument Inverter.	
APU Generator Power	ON-OFF
AC Generators Left	ON-OFF
AC Generators Righ	ON-OFF
Emergency Flood	ON-OFF

- 0 :Battery Power Switch ON
- 1: AC Instrument Inverter. ON
- 2: AC Instrument Inverter. TEST
- 3: APU Generator Power ON
- 4: AC Generators Left ON
- 5: AC Generators Righ ON
- 6: Emergency Flood ON

ELEC PWR

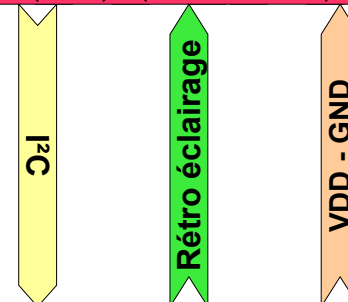
Connecteur HE14
8x2

µController
Master I²C

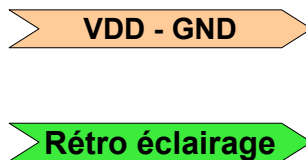
Ajout bit Inverter OFF
Transfert I²C

RJ45

1(vdd) 2(scl)(out) 3(sda)(out) 4(libre)
5(libre) 6(libre) 7(rétro éclai in) 8(gnd)



Carte terminale I²C 8-bit



Connecteur HE14
8x1

- 0: Battery Power Switch ON
- 1: AC Instrument Inverter. ON
- 2: AC Instrument Inverter. OFF
- 3: AC Instrument Inverter. TEST
- 4: APU Generator Power ON
- 5: AC Generators Left ON
- 6: AC Generators Righ ON
- 7: Emergency Flood ON

RJ45

1(vdd) 2(scl)(in) 3(sda)(in) 4(libre)
5(libre) 6(libre) 7(rétro éclai out) 8(gnd)

PCF8574
Slave I²C
I²C to digit

LEDs de contrôle

8 bits

Connecteur HE14 8x1



USB

Carte USB Joystick