

Dream GPIO connector Pin out (Dsub 25pin PC Printer Port)

Parallel printer Port		
Line	DB 25 male (Dream computer)	GPIOs
Strobe	1	→
Data bit 0	2	→ GPIOOutput 1
Data bit 1	3	→ GPIOOutput 2
Data bit 2	4	→ GPIOOutput 3
Data bit 3	5	→ GPIOOutput 4
Data bit 4	6	→
Data bit 5	7	→
Data bit 6	8	→
Data bit 7	9	→
Acknowledge	10	← GPIInput 4
Busy	11	← GPIInput 3
Paper out	12	← GPIInput 2
Select	13	← GPIInput 1
Autofeed	14	→
Error	15	←
Reset	16	→
Select	17	→
Signal ground	18	↔ if necessary
Signal ground	19	↔ if necessary
Signal ground	20	↔ if necessary
Signal ground	21	↔ if necessary
Signal ground	22	↔ if necessary
Signal ground	23	↔ if necessary
Signal ground	24	↔ if necessary
Signal ground	25	↔ if necessary
Shield	Cover	↔



Example Hardware GPIO test rig, featuring 4 trigger buttons, and 4 Output L.E.D. tally lights