TR1863/TR1865 Western Digital – Universal Asynchronous Receiver/Transmitter (UART)

1. 5 V
2. No connection
3. 0 V Ground
4. 0 V Ground
5. D

5-8 are the high 4 bits

9-12 are the low 4 bits

1. C
2. B
3. A
4. D
5. C
6. B
7. A
8. LED D
9. LED C
10. LED B
11. 0 V Ground
12. Connect to #40 Pin
13. SW Ȳ
14. LED A
15. Connect RX20 to TX1 when connecting Arduino (Otherwise RX20 to TX25)
16. 0 V Ground
17. LED E
18. SW x̄
19. LED F
20. Connect TX25 to RX1 when connecting Arduino (Otherwise RX20 to TX25)
21. SW 8
22. SW 7
23. SW 6
24. SW 5
25. SW 4
26. SW 3
27. SW 2
28. SW 1
29. 5 V
30. 5 V
31. 0 V Ground (for one stop bit)
32. 5 V (37 and 38 being high represents for 8 data bits)
33. 5 V
34. No connection
35. Clock Input