

1 3 5 7 9 11 NC 15 17 NC 21 23 25 27 29 31 33 35 37 39 x1 x3 x5 x7 x9
 2 4 6 8 10 NC 14 16 18 NC NC 24 26 28 30 32 34 36 38 x0 x2 x4 x6 x8 x0
 50

3V3
 USART1_TX
 USART1_RX
 GND

AT32F403AVGT7



CB13 CB12 CT3
 CB14
 CB10 CB11

R32 R31 R33 R19 R21

100 98 96 94 92 90 88 86 84 82 80 78 76 74 72 70 68 66 64 62 60 58 56 54 52
 99 97 95 93 91 89 87 85 83 81 79 77 75 73 71 69 67 65 63 61 59 57 55 53 51

TP1

3V3 3V3
 GND NJTRST
 GND JTDI
 GND JTMS
 GND JTCK
 GND NC
 GND JTDO
 GND NRST
 GND NC
 GND NC

E5V 3V3
 BOOT0 SWDIO
 SWO SWCLK
 USART1_RX NRST
 USART1_TX GND

R15 R9 R10
 R23



TP3

RP1
 C20 C21
 C22
 C10 C11 C12
 M-BOOT0 VDD
 VDD
 M-SWDIO
 M-SWCLK
 M-NRST
 GND

D4 D3