



1 3 5 7 9 11 NC 13 15 17 NC 19 21 23 25 27 29 31 33 35 37 39 41 43 45 47 49  
2 4 6 8 10 NC 12 14 16 NC 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50

3V3  
USART1\_TX  
USART1\_RX  
GND

AT32F403AVGT7



CB13 CB12 CT3  
CB14  
CB10 CB11

R33 R34 R31 R32 R21 R19  
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  
C9 C8 C22 C20 C21  
C11 C10 C12

M-BOOT0 VDD  
VDD  
M-SWDIO  
M-SWCLK  
M-NRST  
GND

D4 D3