



Title			
Discovery F3 adapter board			
Size	Number	Revision	A1
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File:	C:\Projects\...DiscoveryF3_adap.SchDoc	Drawn By:	

Used pins:**Buzzer**

PC9_TIM3_CH4

VBAT

PC0_ADC_IN

Ext. CAN bus (5V)PD0_CAN_RX
PD1_CAN_TX**Flash M25P16 (3V)**PB13_SPI2_SCK
PB14_SPI2_MISO
PB15_SPI2_MOSI
PB10_SPI_CS1**External I2C(5V)**PF6_I2C2_SCL
PA10_I2C2_SDA**PWM inputs(5V)**PA8_IN1
PB8_IN2
PB9_IN3
PC6_IN4
PC7_IN5
PC8_IN6
PF9_IN7
PF10_IN8**Differential pressure sensor**

PC3_ADC12_IN

PWM outputs(3V)PD12_OUT1
PD13_OUT2
PD14_OUT3
PD15_OUT4
PA1_OUT5
PA2_OUT6
PA3_OUT7
PB0_OUT8
PB1_OUT9
PA4_OUT10**External SPI(5V)**PB4_SPI3_MISO
PB5_SPI3_MOSI
PB3_SPI3_SCK
PA15_SPI3_NSS**SD Card (3V)**PC2_SD_SW
PB14_SPI2_MISO
PB12_SPI_CS3
PB13_SPI2_SCK
PB15_SPI2_MOSI**Analog input MUX**PC4_ADC2_IN5
PC13
PC14
PC15
PF2**Bar Pressure sensor (3V)
BMP085**PC1_I2C2_EOC
PB6_I2C1_SCL
PB7_I2C1_SDA
PB2_I2C1_XCLR**Bar Pressure sensor (3V)
MS5611-01BA03**PB13_SPI2_SCK
PB14_SPI2_MISO
PB15_SPI2_MOSI
PB11_SPI_CS2**External UARTs**PC5_UART1_TX
PA9_UART1_RX
PD6_UART2_RX
PD5_UART2_TX
PD9_UART3_RXPC11_UART4_RX
PC10_UART4_TXPC12_UART5_TX
PD2_UART5_RX**s.Bus (5V)****GPS(5V)****Spectrum Sat (3V)****Gen. Purpose (5V)****Gen. Purpose (5V)****Free pins (3V):**PF1
PF4
PE7
PD10
PD11

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