



IGN5	1	PE2	132	OUT_IO9
IGN4	2	PE3	131	OUT_IO10
IGN3	3	PE4	130	OUT_IO6
IGN2	4	PE5	129	OUT_IO1
	5	PE6	128	OUT_IO5
VBAT	6	VBAT		
IGN1	7	PI8		
	8	PC13		
	9	PC14/OSC32_IN		
	10	PC15/OSC32_OUT		
	11	PI9		
	12	PI10		
	13	PI11		
VSS	14			
VDD	15			
	16	PF0		
	17	PF1		
	18	PF2		
A1	19	PF3		
A2	20	PF4		
A3	21	PF5		
	22			
VSS	23			
VDD	24			
A4	25	PF6		
A6	26	PF7		
A8	27	PF8		
A7	28	PF9		
A16	28	PF10		
	29	PH0/OSC_IN		
X0	29			
X1	30	PH1/OSC_OUT		
nReset	31	NRST		
A9	32	PC0		
A10	33	PC1		
A11	34	PC2_C		
A14	35	PC3_C		
VDD	36			
VSSA	37			
VREF+	38			
VDDA	39			
PA0	40			
A12	41			
PA2	42			
PA1	43			
PH2	44			
PH3	44			

PI1	132	OUT_IO9
PI0	131	OUT_IO10
PH15	130	OUT_IO6
PH14	129	OUT_IO1
PH13	128	OUT_IO5
VDD	127	
VSS	126	
VCAP	125	
PA13	124	SWDIO
PA12	123	USBP
PA11	122	USBM
PA10	121	USBID
PA9	120	OUT_IO2
PA8	119	OUT_IO12
PC9	118	OUT_PWM5
PC8	117	OUT_PWM4
PC7	116	OUT_PWM3
PC6	115	OUT_PWM2
V33	114	
V33	113	
VSS	112	OUT_INJ2
PG8	111	OUT_INJ1
PG7	110	OUT_IO13
PG6	109	OUT_IO4
PG5	108	OUT_IO8
PG4	107	OUT_IO7
PG3	106	OUT_IO11
PG2	105	OUT_PWM7
PD15	104	OUT_PWM6
PD14	103	
VDD	102	
VSS	101	OUT_PWM1
PD13	100	OUT_PWM8
PD12	99	OUT_INJ3
PD11	98	OUT_INJ4
PD10	97	OUT_INJ5
PD9	96	
PD8	95	SPI2_MOSI
PB15	94	SPI2_MISO
PB14	93	SPI2_SCK
PB13	92	SPI2_CS
PB12	91	
VDD	90	
VSS	89	
PH12		

AIN24	S13	IN_CRANK
AIN19	S15	IN_CAM
DIN5	S14	IN_VSS
AIN17	S17	IN_TPS
AIN18	S29	IN_PPS
AIN14	S19	IN_IAT
AIN11	S18	IN_CLT
AIN13	S16	IN_O2S
AIN12	S30	IN_O2S2
AIN7	S28	IN_RES1
AIN16	S31	IN_RES2
AIN8	S23	IN_RES3
AIN9	S20	IN_MAP1
AIN10	S21	IN_MAP2
AIN15	S22	IN_MAP3
AIN23	S24	IN_AUX1
AIN21	S25	IN_AUX2
AIN22	S26	IN_AUX3
AIN20	S27	IN_AUX4
AIN1	S8	IN_SENS1
AIN2	S9	IN_SENS2
AIN3	S10	IN_SENS3
AIN4	S11	IN_SENS4
AIN6	S12	IN_KNOCK
VIGN	S7	VIGN
DIN1	S3	IN_D1
DIN2	S4	IN_D2
DIN3	S5	IN_D3
DIN4	S6	IN_D4
E1	SPL_SCK	SPI1_SCK
E2	SPI_MISO	SPI1_MISO
E3	SPI_MOSI	SPI1_MOSI
E4	SPI_CS1	SPI1_CS1
E5	SPI_CS2	SPI1_CS2
N20	SPI2_SCK	SPI2_SCK
N21	SPI2_MISO	SPI2_MISO
N22	SPI2_MOSI	SPI2_MOSI
N23	SPI2_CS	SPI2_CS
N9	SPI3_SCK	SPI3_SCK
N10	SPI3_MISO	SPI3_MISO
N11	SPI3_MOSI	SPI3_MOSI
N8	SPI3_CS	SPI3_CS
N1	CAN_RX	CAN_VIO
N2	CAN_TX	CAN_RX
N3	CAN_TX	CAN_TX
N18	I2C_SDA	I2C_SDA
N19	I2C_SCL	I2C_SCL
N5	UART8_RX	UART1_RX
N4	UART8_TX	UART1_TX
N7	UART2_RX	UART2_RX
N6	UART2_TX	UART2_TX
N30	USBP	USB1P
N31	USBM	USBP
N32	USBID	USBP
N29	VBUS	USBP
N25	SWCLK	SWCLK
N26	SWDIO	SWDIO
N27	SWO	SWO

W1	IGN1	OUT_IGN1
W2	IGN2	OUT_IGN2
W3	IGN3	OUT_IGN3
W4	IGN4	OUT_IGN4
W5	IGN5	OUT_IGN5
W6	IGN6	OUT_IGN6
W7	IGN7	OUT_IGN7
W8	IGN8	OUT_IGN8
E25	OUT_INJ1	OUT_INJ1
E26	OUT_INJ2	OUT_INJ2
E29	OUT_INJ3	OUT_INJ3
E30	OUT_INJ4	OUT_INJ4
E31	OUT_INJ5	OUT_INJ5
E32	OUT_INJ6	OUT_INJ6
E33	OUT_INJ7	OUT_INJ7
E34	OUT_INJ8	OUT_INJ8
E27	OUT_PWM1	OUT_PWM1
E14	OUT_PWM2	OUT_PWM2
E15	OUT_PWM3	OUT_PWM3
E16	OUT_PWM4	OUT_PWM4
E17	OUT_PWM5	OUT_PWM5
E18	OUT_PWM6	OUT_PWM6
E19	OUT_PWM7	OUT_PWM7
E28	OUT_PWM8	OUT_PWM8
E8	OUT_IO1	OUT_IO1
E12	OUT_IO2	OUT_IO2
E6	OUT_IO3	OUT_IO3
E23	OUT_IO4	OUT_IO4
E7	OUT_IO5	OUT_IO5
E9	OUT_IO6	OUT_IO6
E21	OUT_IO7	OUT_IO7
E22	OUT_IO8	OUT_IO8
E11	OUT_IO9	OUT_IO9
E10	OUT_IO10	OUT_IO10
E20	OUT_IO11	OUT_IO11
E13	OUT_IO12	OUT_IO12
E24	OUT_IO13	OUT_IO13

\*A20-A23 are duplicated for ADC3  
 \*VIGN input is unprotected!  
 \*D5 is digital-only on F429!(EINT11)  
 \*A20-A22 are duplicated for COMP1/2