

Sheet1

Pin Number	DIO	A/D	DAC	POWER	GND	CLK	JTAG	TRACE	UART	PWM	EXT INT	RESET SPECIAL	CAPTURE	MATCH	SPI	GG FUNCTION
1	P0.21	AD1.6								PWM5			CAP1.3			MOTOR_CE1
2	P0.22	AD1.7											CAP0.0	MAT0.0		WHEEL_SPEED(0)
3						RTXC1										NOT USED
4	P1.19							TRACEPKT3								MOTOR_IN2
5						RTXC2										NOT USED
6				VDDA	VSS											
7																
8	P1.18							TRACEPKT2								IR_EN(0)
9	P0.25	AD0.4	AOUT													AUDIO OUT
10	P0.26	AD0.5														SENSOR_AD(0)
11	P0.27	AD0.0											CAP0.1	MAT0.1		SENSOR_AD(1)
12	P1.17							TRACEPKT1								
13	P0.28	AD0.1											CAP0.2	MAT0.2		SENSOR_AD(2)
14	P0.29	AD0.2											CAP0.3	MAT0.3		SENSOR_AD(3)
15	P0.30	AD0.3									EINT3		CAP0.0			SENSOR_AD(4)
16	P1.16							TRACEPKT0								LED(0)
17	P0.31				VSS											IR_EN(1)
18																
19	P0.0								TXD0	PWM1						MOTOR_CE2
20	P1.31						nTRST									nTRST
21	P0.1								RXD0	PWM3	EINT0					LED(1)
22	P0.2												CAP0.0		SCL0	IR_EN(2)
23				VDD												
24	P1.26						RTCK					Pull Down				Pull Down
25					VSS											
26	P0.3										EINT1			MAT0.0	SDA0	LED(2)
27	P0.4	AD0.6											CAP0.1		SCK0	IR_EN(3)
28	P1.25							EXTIN0								LED(3)
29	P0.5	AD0.7												MAP0.1	MISO0	SENSOR_AD(5)
30	P0.6	AD1.0											CAP0.2		MOSI0	IR_EN(4)
31	P0.7									PWM2	EINT2				SSEL0	LED(4)
32	P1.24							TRACECLK								IR_EN(5)
33	P0.8	AD1.1							TXD1	PWM4						TXD1
34	P0.9								RXD1	PWM6	EINT3					RXD1
35	P0.10	AD1.2							RTS1				CAP1.0			RTS1
36	P1.23							PIPESTAT2								LED(5)
37	P0.11								CTS1				CAP1.1		SCL1	CTS1
38	P0.12	AD1.3							DSR1					MAT1.0		DSR1
39	P0.13	AD1.4							DTR1					MAT1.1		DTR1
40	P1.22							PIPESTAT1								
41	P0.14								DCD1		EINT1	Pull Up			SDA1	Pull Up
42				VDD	VSS											
43																
44	P1.21	AD1.5						PIPESTAT0								
45	P0.15								RI1		EINT2					Ring Switch
46	P0.16										EINT0		CAP0.2	MAT0.2		INT BUTTON
47	P0.17												CAP1.2	MAT1.2	SCK1	
48	P1.20							TRACESYNC								
49				VBATT												
50					VSS											
51				VDD												
52	P1.30							TMS								TMS
53	P0.18												CAP1.3	MAT1.3	MISO1	IR_SIGNAL
54	P0.19												CAP1.2	MAT1.2	MOSI1	WHEEL_SPEED(1)
55	P0.20										EINT3			MAT1.3	SSEL1	MOTOR_IN1
56	P1.29							TCK								TCK
57								nRESET								nRESET
58	P0.23															
59					VSSA											
60	P1.28							TDI								TDI
61																14.7Mhz xtal
62							XTAL2									14.7Mhz xtal
63				VREF			XTAL1									
64	P1.27							TDO								TDO