

SAM3X-Arduino Pin Mapping

Arduino Due/DronPi pin mapping table

Due Pin Number	SAM3X Pin Name	SAM3X Pin	Pin DronPi	Mapped Pin Name	Name DronPi	Max Output Current (mA)	Max Current Sink (mA)
0	PA8	27	N/C	RX0	Program RX	3	6
1	PA9	2	N/C	TX0	Program TX	15	9
2	PB25	144	N/C	Digital Pin 2		3	6
3	PC28	139	N/C	Digital Pin 3		15	9
4/87	connected to both PA29 and PC26	112 (PA29) 137 (PC26)	26	Digital Pin 4	CS_MPU PA29 Pin Due 87	15	9
5	PC25	136	N/C	Digital Pin 5		15	9
6	PC24	134	N/C	Digital Pin 6		15	9
7	PC23	134	18	Digital Pin 7	LED_GREEN	15	9
8	PC22	133	22	Digital Pin 8	LED_RED	15	9
9	PC21	132	N/C	Digital Pin 9		15	9
10/77	Connected to both PA28 and PC29	102 (PC29) 111 (PA28)	24	Digital Pin 10	CS_Baro PA28 Pin Due 77	15	9
11	PD7	20	N/C	Digital Pin 11		15	9
12	PD8	21	N/C	Digital Pin 12		15	9
13	PB27	68	N/C	Digital Pin 13 / Amber LED "L"	LED "L"	3	6
14	PD4	17	N/C	TX3		15	9
15	PD5	18	7	RX3	PPM	15	9
16	PA13	6	8	TX2	TXD	3	6
17	PA12	5	10	RX2	RXD	3	6
18	PA11	4	13	TX1	PWM_EN	3	6
19	PA10	3	15	RX1	INT_CAN	3	6
20	PB12	86	3	SDA	SDA	3	6
21	PB13	87	5	SCL	SDL	3	6
22	PB26	1	16	Digital Pin 22	INT_MPU	3	6
23	PA14	7	12	Digital Pin 23	RTS	15	9
24	PA15	8	11	Digital Pin 24	CTS	15	9
25	PD0	13	N/C	Digital Pin 25		15	9

26	PD1	14	N/C	Digital pin 26		15	9
27	PD2	15	N/C	Digital Pin 27		15	9
28	PD3	16	N/C	Digital Pin 28		15	9
29	PD6	19	N/C	Digital Pin 29		15	9
30	PD9	22	N/C	Digital Pin 30		15	9
31	PA7	26	1	Digital Pin 31	ENABL	15	9
32	PD10	32	N/C	Digital Pin 32		15	9
33	PC1	55	N/C	Digital Pin 33		15	9
34	PC2	59	N/C	Digital Pin 34		15	9
35	PC3	60	N/C	Digital Pin 35		15	9
36	PC4	116	N/C	Digital Pin 36		15	9
37	PC5	63	N/C	Digital Pin 37		15	9
38	PC6	64	N/C	Digital Pin 38		15	9
39	PC7	65	N/C	Digital Pin 39		15	9
40	PC8	66	N/C	Digital Pin 40		15	9
41	PC9	67	N/C	Digital Pin 41		15	9
42	PA19	71	N/C	Digital Pin 42		15	9
43	PA20	72	N/C	Digital Pin 43		3	6
44	PC19	71	N/C	Digital Pin 44		15	9
45	PC18	70	N/C	Digital Pin 45		15	9
46	PC17	9	N/C	Digital Pin 46		15	9
47	PC16	78	N/C	Digital Pin 47		15	9
48	PC15	97	40	Digital Pin 48	POWER_ON/OFF	15	9
49	PC14	96	32	Digital Pin 49	AUX5	15	9
50	PC13	95	31	Digital Pin 50	AUX1	15	9
51	PC12	94	33	Digital Pin 51	AUX2	15	9
52	PB21	92	38	Digital Pin 52	CS_CAN	3	6
53	PB14	140	N/C	Digital Pin 53		15	9
54	PA16	78	N/C	Analog In 0		3	6
55	PA24	79	N/C	Analog In 1		3	6
56	PA23	80	N/C	Analog In 2		3	6
57	PA22	81	N/C	Analog In 3		3	6
58	PA6	82	N/C	Analog In 4		3	6
59	PA4	83	N/C	Analog In 5		3	6
60	PA3	84	N/C	Analog In 6		3	6
61	PA2	85	N/C	Analog In 7		3	6
62	PB17	88	N/C	Analog In 8		3	6
63	PB18	89	N/C	Analog In 9		3	6
64	PB19	90	N/C	Analog In 10		3	6
65	PB20	91	37	Analog In 11	AUX4	3	6
66	PB15	76	29	DAC0	BUZZER	3	6
67	PB16	77	35	DAC1	AUX3	3	6
68	PA1	24	N/C	CANRX		3	6

69	PA0	23	N/C	CANTX		15	9
70	PA17	9	27	SDA1	SDA1	3	6
71	PA18	70	28	SCL2	SCL1	15	9
72	PC30	103	36	LED "RX"	LED_YELLOW	15	9
73	PA21	107	N/C	LED "TX"		3	6
74	PA25	108	21	(MISO)	MISO	15	9
75	PA26	109	19	(MOSI)	MOSI	15	9
76	PA27	110	23	(SCLK)	SPCK	15	9
78	PB23	18	N/C	(unconnected)		15	9
USB	PB11	129	N/C	ID		15	9
USB	PB10	128	N/C	VBOF		15	9
	PB28	28	N/C	TCK-JTAG			
	PB29	29	N/C	TDI-JTAG			
	PB30	30	N/C	TDO-JTAG			
	PB31	31	N/C	TMS-JTAG			
	NRSTB	47	N/C	RESET-JTAG			