



V1

8535L-8AI

ISP ATME Pinout

- 1 - MISO
- 2 - VCC
- 3 - SCK
- 4 - MOSI
- 5 - RESET
- 6 - GND

Isolation Barrier

40	ASI Tx/D	37	PA0 (ADC0)
41	asi in1	36	PA1 (ADC1)
42	asi in2	35	PA2 (ADC2)
43	asi in3	34	PA3 (ADC3)
44		33	PA4 (ADC4)
1	MOSI	32	PA5 (ADC5)
2	MISO	31	PA6 (ADC6)
3	SCK	30	PA7 (ADC7)
9	DMX RxD10	19	PC0 (SCL)
10	PD0 (RXD)	20	PC1 (SDA)
11	RC5 RxD11	21	PC2
12	ASI CLK	22	PC3
13	ASI CS	23	PC4
14	ASI RW	24	PC5
15	ASI RxD	25	PC6 (TOSC1)
16	FID	26	PC7 (TOSC2)
4	RESET	5	VCC
7	XTAL2	17	VCC
8	XTAL1	38	VCC
6	GND	27	VCC
18	GND	29	AVCC
18	GND	28	GND
18	GND	28	GND
18	GND	28	GND

V2

17	ASI Tx/D
18	asi in1
19	asi in2
20	asi in3
11	ASI CS
10	ASI RW
9	ASI RxD
8	ASI CLK
16	P0
15	P1
14	P2
13	P3
22	DSR
21	PST
23	U5RD
5	FID
26	U5R
27	UOUT
24	LED
4	IRD

V3

2	VCC
1	OUT
3	GND

V4

1	In
2	In
3	GND 1
4	GND 2

V5

1	RO
2	RE
3	DE
4	DI
8	VCC
7	B
6	A
5	GND

V6

2	VIN
1	GND
4	+V
3	0V

V7

1	ASH+
2	ASIP
25	CAP
3	0V
12	GND

V8

1	DMX RxD
2	DMX-
3	DMX+

V9

1	LED
2	RTN

V10

1	LED gn
2	RTN