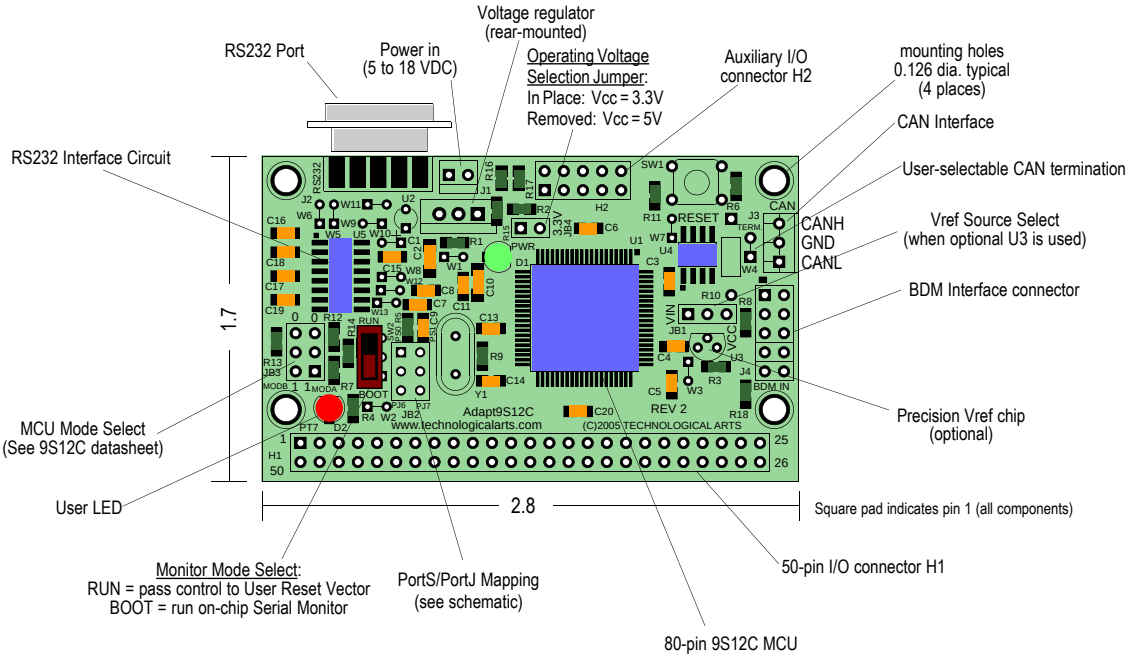
Adapt9S12C Module
Features and Pin Configuration

Dimensions in inches



H1 Pin Assignments

PIN #	NAME	PIN #	NAME
1	PM2/MISO	50	GROUND
2	PM4/MOSI	49	GROUND
3	PM5/SCK	48	PS0 or PJ6 (set by JB2)
4	PM3/SS*	47	Vcc
5	PS1 or PJ7 (set by JB2)	46	PE1 (IRQ*)
6	PT7/IOC7	45	PE0 (XIRQ*)
7	PT6/IOC6	44	RESET*
8	PT5/IOC5	43	PE7 (XECLKS*)
9	PT4/IOC4/PW4	42	PA0/ADDR8/DATA8
10	PT3/IOC3/PW3	41	PA1/ADDR9/DATA9
11	PT2/IOC2/PW2	40	PA2/ADDR10/DATA10
12	PT1/IOC1/PW1	39	PA3/ADDR11/DATA11
13	PT0/IOC0/PW0	38	PA4/ADDR12/DATA12
14	PB7/ADDR7/DATA7	37	PA5/ADDR13/DATA13
15	PB6/ADDR6/DATA6	36	PA6/ADDR14/DATA14
16	PB5/ADDR5/DATA5	35	PA7/ADDR15/DATA15
17	PB4/ADDR4/DATA4	34	PE2 (R/W*)
18	PB3/ADDR3/DATA3	33	PE4 (ECLK)
19	PB2/ADDR2/DATA2	32	PE3 (LSTRB*)
20	PB1/ADDR1/DATA1	31	Vana
21	PB0/ADDR0/DATA0	30	VRH
22	PAD00/AN00	29	PAD04/AN04
23	PAD01/AN01	28	PAD05/AN05
24	PAD02/AN02	27	PAD06/AN06
25	PAD03/AN03	26	PAD07/AN07

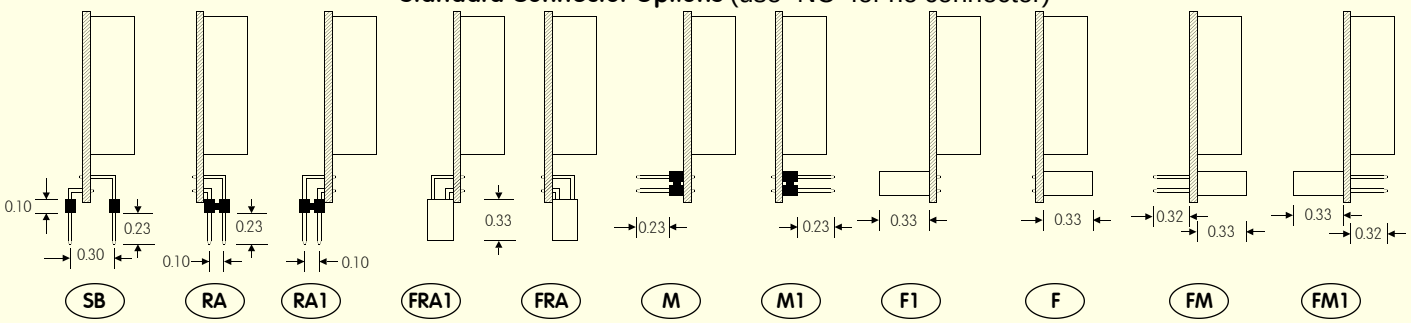
H2 Pin Assignments

PIN #	NAME	PIN #	NAME
1	PP0/KWP0/PW0	2	PP7/KWP7
3	PP1/KWP1/PW1	4	PP6/KWP6/ROMCTL
5	PP2/KWP2/PW2	6	PP5/KWP5/PW5
7	PP3/KWP3/PW3	8	PP4/KWP4/PW4
9	Vcc	10	GND

Order Codes:
Modules (include mating power connector and hardcopy schematic):
AD9S12C32M-❑ (has 32K Flash and 2K RAM)
AD9S12C128M-❑ (has128K Flash and 4K RAM)
(specify H1 connector option code - see drawings, below)

Starter Packages (include module with SB connector and serial cable):
AD9S12C32SP (has 32K Flash and 2K RAM)
AD9S12C128SP (has 128K Flash and 4K RAM)

Standard Connector Options (use "NC" for no connector)



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