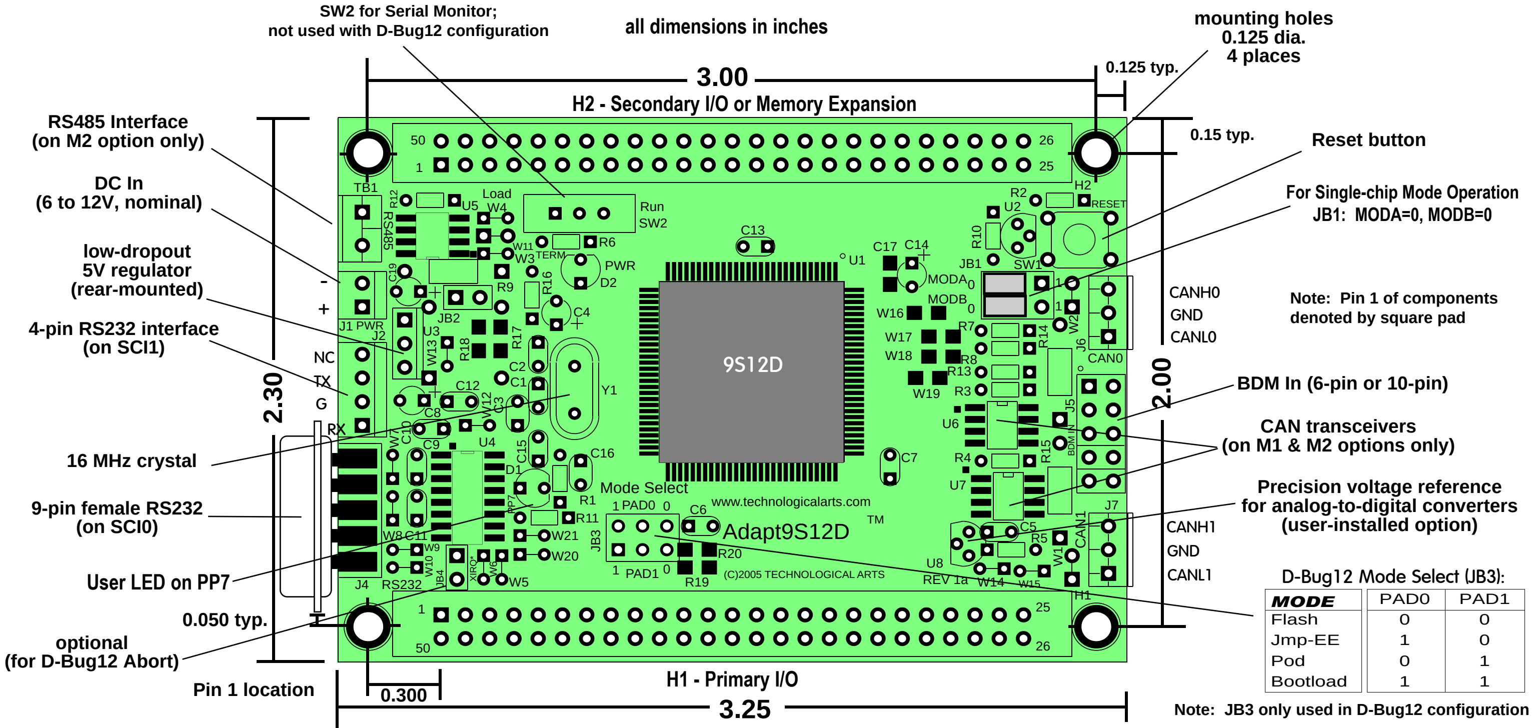


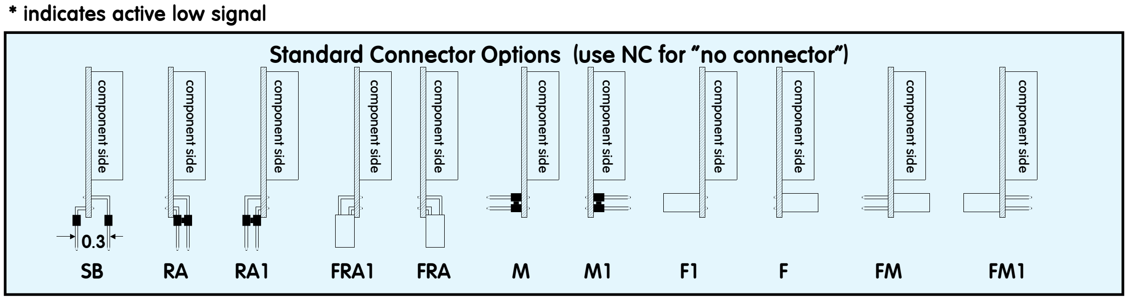
D-Bug12 Mode Select (JB3):

MODE	PAD0	PAD1
Flash	0	0
Jmp-EE	1	0
Pod	0	1
Bootload	1	1

Adapt9S12D™ CONNECTOR PINOUTS

H1 PIN	H1 SIGNAL NAME	H1 PIN	H1 SIGNAL NAME	H2 PIN	H2 SIGNAL NAME	H2 PIN	H2 SIGNAL NAME
1	PS4/MISO	50	GROUND	1	PA7/ADDR15/DATA15	50	VCC (+5VDC)
2	PS5/MOSI	49	GROUND	2	PA6/ADDR14/DATA14	49	GROUND
3	PS6/SCK	48	PS0/RXD0	3	PA5/ADDR13/DATA13	48	PE7/NOACC/XCLKS*
4	PS7/SS*	47	+5VDC	4	PA4/ADDR12/DATA12	47	PK7/ECS*
5	PS1/TXD0	46	PE1/IRQ*	5	PA3/ADDR11/DATA11	46	PK5/XADDR19
6	PT7/IOC7	45	PE0/XIRQ*	6	PA2/ADDR10/DATA10	45	PK4/XADDR18
7	PT6/IOC6	44	RESET*	7	PA1/ADDR9/DATA9	44	PK3/XADDR17
8	PT5/IOC5	43	PE7/NOACC/XCLKS*	8	PA0/ADDR8/DATA8	43	PK2/XADDR16
9	PT4/IOC4	42	PH0/KWH0/MISO1	9	PB7/ADDR7/DATA7	42	PK1/XADDR15
10	PT3/IOC3	41	PH1/KWH1/MOSI1	10	PB6/ADDR6/DATA6	41	PK0/XADDR14
11	PT2/IOC2	40	PH2/KWH2/SCK1	11	PB5/ADDR5/DATA5	40	PJ0/KWJ0
12	PT1/IOC1	39	PH3/KWH3/SS1*	12	PB4/ADDR4/DATA4	39	PJ7/SCL
13	PT0/IOC0	38	PH4/KWH4/MISO2	13	PB3/ADDR3/DATA3	38	PJ6/SDA
14	PP7/KWP7/PWM7	37	PH5/KWH5/MOSI2	14	PB2/ADDR2/DATA2	37	TxCAN3/PM7
15	PP6/KWP6/PWM6	36	PH6/KWH6/SCK2	15	PB1/ADDR1/DATA1	36	RxCAN3/PM6
16	PP5/KWP5/PWM5	35	PH7/KWH7/SS2*	16	PB0/ADDR0/DATA0	35	TxCAN2/PM5
17	PP4/KWP4/PWM4	34	PS2/RXD1	17	R/W* /PE2	34	RxCAN2/PM4
18	PP3/KWP3/PWM3	33	PE4/ECLK	18	ECLK/PE4	33	TxCAN1/PM3/SS)*
19	PP2/KWP2/PWM2	32	PS3/TXD1	19	LSTRB*/PE3	32	RxCAN1/PM2/SCK0
20	PP1/KWP1/PWM1	31	VRL	20	IRQ*/PE1	31	TxCAN0/PM1/MOSI0
21	PP0/KWP0/PWM0	30	VRH	21	PJ1/KWJ1	30	RxCAN0/PM0/MISO0
22	PAD00/AN00	29	PAD04/AN04	22	PAD08/AN08	29	PAD12/AN12
23	PAD01/AN01	28	PAD05/AN05	23	PAD09/AN09	28	PAD13/AN13
24	PAD02/AN02	27	PAD06/AN06	24	PAD10/AN10	27	PAD14/AN14
25	PAD03/AN03	26	PAD07/AN07	25	PAD11/AN11	26	PAD15/AN15

NOTE: * indicates active low signal



Module Part Number*:	Flash-resident	RS232	CAN	RS485
AD9S12DP512BM0-❑-❑	soBASIC	2	0	0
AD9S12DP512M0-❑-❑	D-Bug12	2	0	0
AD9S12DP512M1-❑-❑	D-Bug12	2	2	0
AD9S12DP512M2-❑-❑	D-Bug12	1 or 2	2	0 or 1
AD9S12DxxxxSM0-❑-❑	Serial Monitor	2	0	0
AD9S12DxxxxSM1-❑-❑	Serial Monitor	2	2	0
AD9S12DxxxxSM2-❑-❑	Serial Monitor	1 or 2	2	0 or 1

Bundle Item Code:	Flash-resident	H1/H2 Cards	Interface	Power
AD9S12DP512BSEP-UR	soBASIC	Solderless breadboards	USB	USB breakout
AD9S12DP512SSEP	Serial Monitor	Solderless breadboards	RS232	DC adapter
AD9S12DP512SSEP-UR	Serial Monitor	Solderless breadboards	USB	USB breakout
AD9S12DP512SEVP	Serial Monitor	Prototyping cards	RS232	DC adapter

* fill in xxxx with G128 or P512 and -❑-❑ with connector option codes for H1 and H2

AD9S12DDAT1d