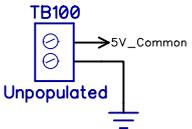
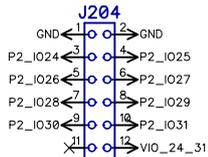
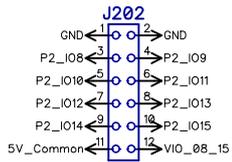


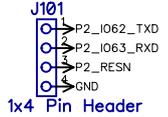
Common  
ack



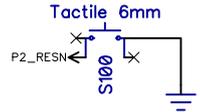
### Expansion headers



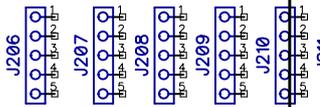
Socket for Parallax P2 Edge Module			
P2_IO38	P38	NC	1
P2_IO39	P39	NC	2
VIO_32_39	V32	P37	3
VIO_40_47	V40	P36	4
P2_IO40	P40	P35	5
P2_IO41	P41	P34	6
P2_IO42	P42	P33	7
P2_IO43	P43	P32	8
P2_IO44	P44	P31	9
P2_IO45	P45	P30	10
P2_IO46	P46	P29	11
P2_IO47	P47	P28	12
VIO_24_31	V24	P27	13
VIO_48_55	V48	P26	14
P2_IO48	P48	P25	15
P2_IO49	P49	P24	16
P2_IO50	P50	P23	17
P2_IO51	P51	P22	18
P2_IO52	P52	P21	19
P2_IO53	P53	P20	20
P2_IO54	P54	P19	21
P2_IO55	P55	P18	22
VIO_16_23	V16	P17	23
VIO_56_63	V56	P16	24
P2_IO56	P56/LED	P15	25
P2_IO57	P57/LED	P14	26
P2_IO58	P58/FLASH_MISO	P13	27
P2_IO59	P59/FLASH_MOSI	P12	28
P2_IO60	P60/FLASH_CLK	P11	29
P2_IO61	P61/FLASH_CS	P10	30
P2_IO62_TXD	P62/PRG_DBG_TXD	P9	31
P2_IO63_RXD	P63/PRG_DBG_RXD	P8	32
VIO_08_15	V08	P7	33
VIO_00_07	V00	P6	34
P2_RESN	RESn	P5	35
GND	GND	P4	36
GND	GND	P3	37
GND	GND	P2	38
5V_Common	5V	P1	39
5V_Common	5V	P0	40



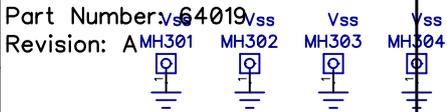
### Reset Switch



### Prototyping matrix for



### Mounting holes



# Edge Mini Breakout Board

Module Back Module Front  
Card Socket 80P 1.27mm Vertical TH

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Last Update: 16 Nov 2020 (MM)

RefDes	Quantity	Name	Manufa
	1	450-00310 : CON-SCKT,80x1.27mm,CARD,Straight,TH	4UCON : 17809
	1	450-00144 : CON-HDR,1X4,RA,TH,7.37mm	Samtec : TSW-10
	1	452-00094 : Jack,Barell,2.1mm,2-pin	CUI : PJ-037A
, J204, J205	5	450-00112 : CON-HDR,2X6,0.1",Straight,TH	Amphenol FCI : 7
3, J209, J210, J211, J212, J213	8	1x5 Header - Unpopulated	
	1	400-00001 : Pushbutton LF	C&K : PTS645SL
	1	Screw Terminal 5.08mm 2way - Unpopulated	



<b>Edge Mini Breakout Board</b>	Part Number: 64019 Revision: A
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