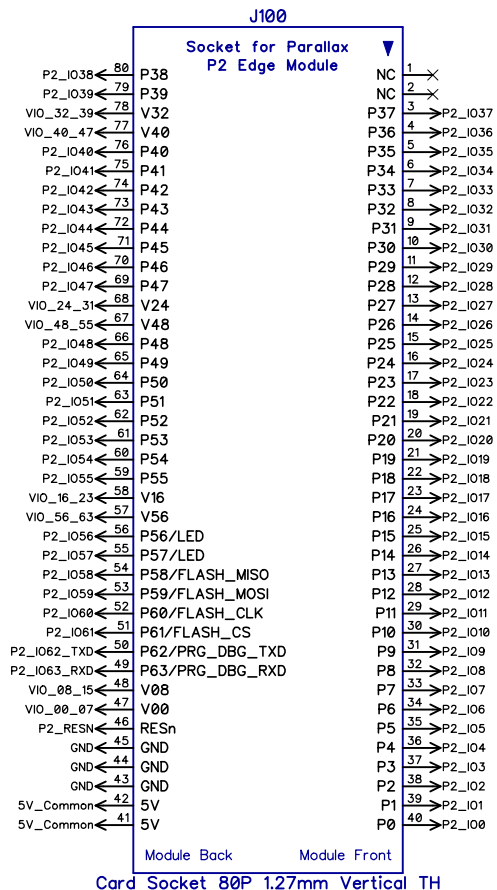
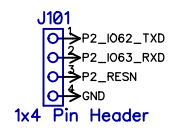


Edge Socket and Associated

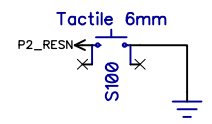
Edge Header (80 way, 1.27mm pitch)



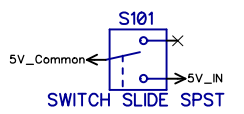
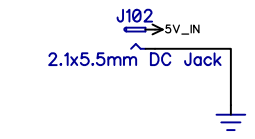
Prop Plug Header



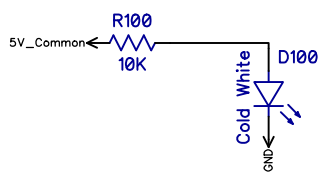
Reset Switch



Power Connection, Switch and LED indicator



Switch wired to allow optional pulldown or secondary voltage source in position 1



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P2 Edge Module Breadboard

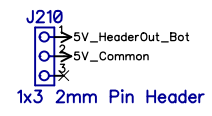
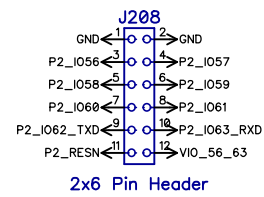
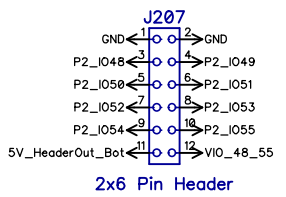
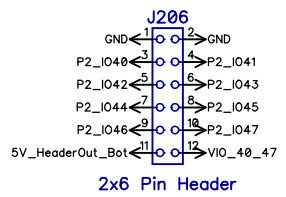
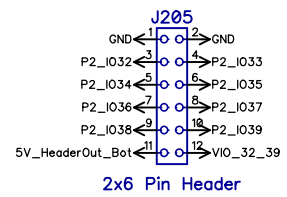
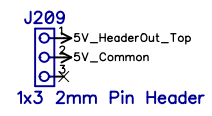
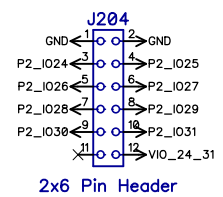
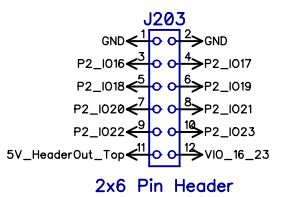
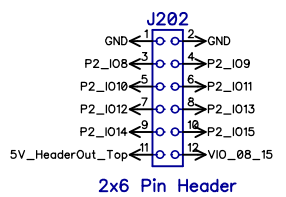
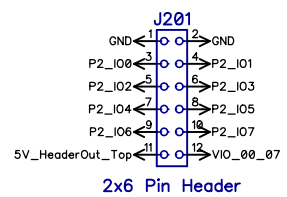
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Part Number: 64020
Revision: A

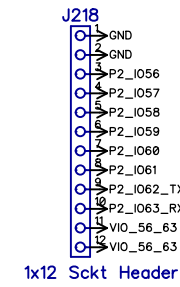
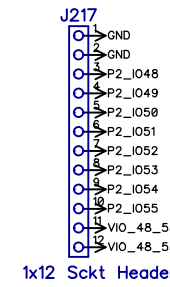
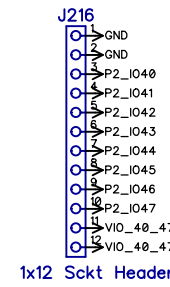
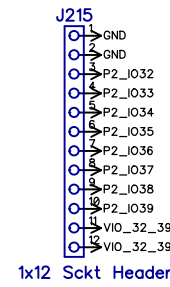
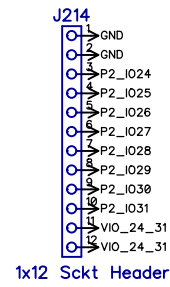
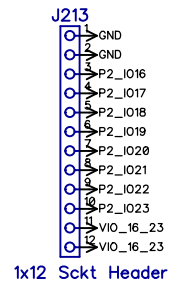
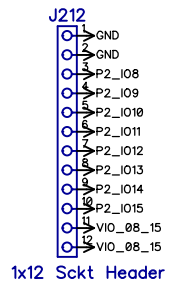
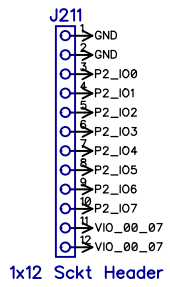
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I/O Headers

P2 accessory headers



Breadboard breakout headers



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P2 Edge Module Breadboard

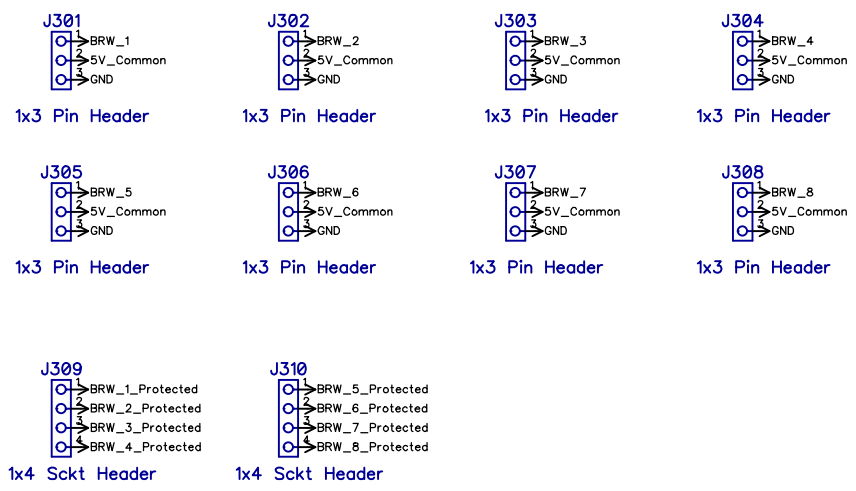
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Part Number: 64020
 Revision: A

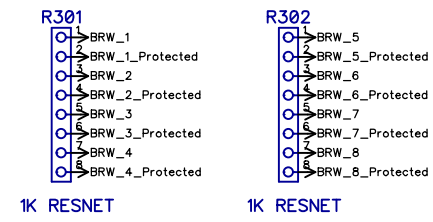
Last Update: 16 Nov 2020 (MM)

BRW Headers

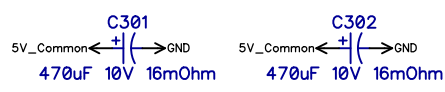
3-pin Servo and Sensor headers



Resistor Networks



Bulk Capacitors



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P2 Edge Module Breadboard

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 Revision: A

Last Update: 16 Nov 2020 (MM)

Misc

Mounting holes

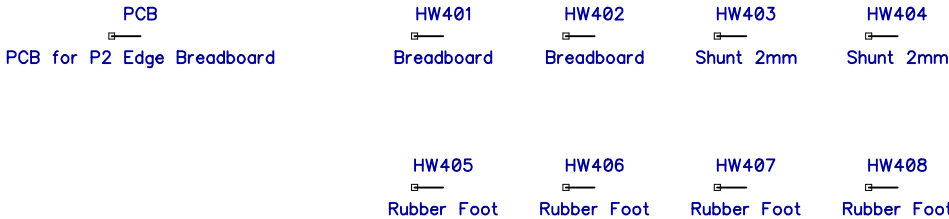


Mounting hole diameter 3.2mm

Gnd test points



BOM only - mfg



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P2 Edge Module Breadboard

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Revision: A

Last Update: 16 Nov 2020 (MM)

BOM

RefDes	Quantity	Name	Manufacturer
C301, C302	2	200-11544 : CAP-POLY TH 470uF 10V 16mOhm	Kemet : A750KK477M1AAAE016
D100	1	350-10033 : LED,COLD WHITE,TALL,FLAT,TH,3mm	OPTOSUPPLY : OSW5YK39B1B
HW401, HW402	2	700-64020 : Breadboard for Edge Breakout	ALLUS : BB-2001
HW403, HW404	2	452-00043 : Shunt,2mm,2Pos,Black,Grip	Sullins : NPN02SXLN-RC
HW405, HW406, HW407, HW408	4	700-00037 : PCB Feet, Rubber	3M : SJ-5003
J100	1	450-00310 : CON-SCKT,80x1.27mm,CARD,Straight,TH	4UCON : 17809
J101	1	450-00144 : CON-HDR,1X4,RA,TH,7.37mm	Samtec : TSW-104-09-G-S-RA
J102	1	452-00094 : Jack,Barell,2.1mm,2-pin	CUI : PJ-037A
J201, J202, J203, J204, J205, J206, J207, J208	8	450-00112 : CON-HDR,2X6,0.1",Straight,TH	Amphenol FCI : 77313-101-12LF
J209, J210	2	451-01030 : CON-HDR,1X3,2mm,Straight,TH	CONNFLY : DS1025-01-1*3P8BV1-B
J211, J212, J213, J214, J215, J216, J217, J218	8	450-00109 : CON-SCKT,1x12,0.1",Straight,TH	CONNFLY : DS1023-1*12S21
J301, J302, J303, J304, J305, J306, J307, J308	8	451-00301 : CON-HDR,1x3,0.1",Straight,TH	CONNFLY : DS1021-1*3SF1-1
J309, J310	2	450-00401 : CON-SCKT,1x4,0.1",Straight,TH	CONNFLY : DS1023-1*4S21
PCB	1	300-64020 : Raw PCB P2-Edge Breadboard	
R100	1	150-01030 : RES,10K,5%,1/4W,CF,TH	KOA : CF1/4CT52R103J
R301, R302	2	179-10014 : RES-NTWK,1K,TH,4NET	ROYAL OHM : RNLB08G0102B0E
S100	1	400-00001 : Pushbutton LF	C&K : PTS645SL702 LFS
S101	1	400-10021 : Switch slide,2 pos,SPDT,6A/28VDC,ON-ON	CANAL ELECTRONIC : SL19-121
TP401, TP402, TP403, TP404	4	452-00108 : Test Point Turret	Keystone : 1502-2

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P2 Edge Module Breadboard

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