

Parts List for Assembly P/N: 1000048

Printed 2/12/2018

1000048 PCA BOOSTER-I2C

I2C Breakout BoosterPack with SPI + 2 GPIO

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02x19 SOCKET HEADER mounts on LaunchPad.

Type	PL	User 1
Revision	X04	User 2
Status	U	User 3
Date	6/21/2016	User 4
By		User 5

Item	Qty	P/N	Type	Title	Reference(m)	Vendor	Vendor P/N	VendorDesc
1	1	1000049	PS	PCB BOOSTER-I2C		APC Alberta Printed Circuits	BOOSTERPACK-I2C	dalescott.net BOOSTERPACK-I2C
2	1	1000073	PS	CONN 0.100 01x03 PIN HEADER 90DEG	P5	Elmwood Electronics	Adafruit 1540	Break-away 0.1" 36-pin r-angle male header (x10)
3	2	1000072	PS	CONN 0.100 01x04 PIN HEADER	P3,P7	Elmwood Electronics	Sparkfun PRT-00116	BREAK AWAY HEADERS - STRAIGHT
4	5	1000076	PS	CONN 0.100 01x06 PIN HEADER	P4,P6,P8,P9,P10	Elmwood Electronics	Sparkfun PRT-00116	BREAK AWAY HEADERS - STRAIGHT
5	2	1000060	PS	CONN 0.100 02x06 PIN HEADER 90DEG	P1,P2	Elmwood Electronics	Adafruit 1541	Break-away 0.1" 2x36-pin r/a male header (x5)
6	2	1000059	PS	CONN 0.100 02x10 PIN HEADER	J1/3,J2/4	Elmwood Electronics	Adafruit 1539	Break-away 0.1" 2x36-pin male header (x10)
7	1	1000075	PS	CONN 0.100 02x19 PIN HEADER	J5	Elmwood Electronics	Adafruit 1539	Break-away 0.1" 2x36-pin male header (x10)
8	20	1000071	PS	FERRITE BEAD 100 OHM 2SMD 1LN	L1,L2,L3,L4,L5,L6,L7,L8,L9,L10,L11,L12,L13,L14,L15,L16,L17,L18,L19,L20	Digikey	490-9312-1-ND	FERRITE BEAD 100 OHM 2SMD 1LN
9	20	1000083	PS	RES SMD 0 OHM JUMPER 1/2W 1210	L1,L2,L3,L4,L5,L6,L7,L8,L9,L10,L11,L12,L13,L14,L15,L16,L17,L18,L19,L20	Digikey	541-0.0VCT-ND	RES SMD 0 OHM JUMPER 1/2W 1210
10	20	1000078	PS	CAP CER 100PF 50V COG/NPO 0805	C1,C2,C3,C4,C5,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16,C17,C18,C19,C20	Digikey	478-7952-1-ND	CAP CER 100PF 50V COG/NPO 0805

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11	20	1000082	PS	TVS DIODE 5VWM 11.6VCL 1610	D1,D2,D3,D4,D5,D6 ,D7,D8,D9,D10,D11, D12,D13,D14,D15,D 16,D17,D18,D19,D2 0	Digikey	497-16253-1-ND	TVS DIODE 5VWM 11.6VCL 1610
12	1	1000074	PS	CONN 0.100 02x19 SOCKET HEADER		Digikey	609-2284-ND	CONN RCPT 40POS .100 DL STR PCB