

Pos.	Ref Des	Number per board	Description	DigiKey part #	Comment
1	C1, C2	0	12pF, SMD0805		DNP
2	C7	1	10uF/10V, Tantal Size B	511-1463-2-ND	
3	C5	1	100nF, SMD0805	478-3351-2-ND	
4	C8	0	2.2nF, SMD0805		DNP
5	D1	1	green LED, SMD0603	475-1056-2-ND	
6	J1, J2	0	19-pin header, TH	SAM1029-19-ND SAM1213-19-ND	DNP: headers and receptacles enclosed with kit. Keep vias free of solder. : Header : Receptacle
7	J3, JP1, JP4, JP5, JP6, JP7, JP8, JP9	8	3-pin header, male, TH	SAM1035-03-ND	place jumpers on headers JP1, JP4, JP5, JP6, JP7, JP8, JP9; Pos 1-2
8	JP2, JP3	2	2-pin header, male, TH	SAM1035-02-ND	place jumper on header
9		9	Jumper	15-38-1024-ND	Place on: JP1 - JP9; Pos 1-2
10	JTAG	1	14-pin connector, male, TH	HRP14H-ND	
11	BOOTST	0	10-pin connector, male, TH		DNP Keep vias free of solder
12	Q1	0	Crystal		DNP Keep vias free of solder
13	R1, R3	2	330 Ohm, SMD0805	541-330ATR-ND	
14	R10, R11	0	0 Ohm, SMD0805	541-000ATR-ND	DNP
15	R5	1	47k Ohm, SMD0805	541-47000ATR-ND	
16	U1	1	Socket: IC189-0382--037		Manuf.: Yamaichi
17	PCB	1	67 x 66 mm		2 layers
18	adhesive Plastic feet	4	about 6mm width, 2mm height	e. g. 3M Bumpons PartNr. SJ-5302	apply to corners at bottom side
19	MSP430	2	MSP430F2274IDA		DNP: enclosed with kit. Supplied by TI