

Pos.	Ref Des	Number per board	Description	DigiKey part #	Comment
1	C1, C2	0	12pF, SMD0805		DNP
2	C4, C7	2	10uF/10V, Tantal Size B	511-1463-2-ND	
3	C3, C5	2	100nF, SMD0805	478-3351-2-ND	
4	C8	1	10nF, SMD0805	478-1383-2-ND	
5	D1	1	yellow LED, TH, 3mm, T1	511-1251-ND	
6	J1, J2	0	24-pin header, TH	SAM1034-12-ND SAM1212-12-ND	DNP: headers and receptacles enclosed with kit. Keep vias free of solder. : Header : Receptacle
7	J3, JP1, JP2	2	3-pin header, male, TH	SAM1035-03-ND	place jumper on header JP1; Pos 1-2. DNP: JP2
8	J4, J5	2	2-pin header, male, TH	SAM1035-02-ND	place jumper on header
9		3	Jumper	15-38-1024-ND	Place on: JP1, J4, J5
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	R3	1	560 Ohm, SMD0805	541-560ATR-ND	
14	R4, R6, R7, R12	2	0 Ohm, SMD0805	541-000ATR-ND	DNP: R6, R7
15	R5	1	47k Ohm, SMD0805	541-47000ATR-ND	
16	U1	1	Socket: IC51-1387 KS-15186		Manuf.: Yamaichi
17	PCB	1	58 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	MSP430F4270IDL		DNP: enclosed with kit. Supplied by TI