

## ioShield-A Ver1.0 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package	Assembly
1	2	C1,C2	10uF/16V	10uF/16V-20% Tantal	Size A	Top side
2	5	C3,C4,C5,C6,C7	0.1uF	50V-10% Ceramic	CASE 0603	Top side
3	1	D1	CHIP-LED	RED	CASE 0603	Top side
4	1	J1	HEADER SOCKET 8, Female	2.54mm 8X1 HEADER SOCKET, Female	2.54mm Female	Top side
5	1	J2	HEADER SOCKET 6, Female	2.54mm 6X1 HEADER SOCKET, Female	2.54mm Female	Top side
6	2	J3,J6	HEADER 8, Male	2.54mm 8X1 PIN-HEADER, Male	2.54mm Male	Bottom side
7	1	J4	HEADER 6, Male	2.54mm 6X1 PIN-HEADER, Male	2.54mm Male	Bottom side
8	1	J5	HEADER SOCKET 3X2, Female	2.54mm 3X2 HEADER SOCKET, Female	2.54mm Female	Bottom side
9	1	J7	HEADER 10, Male	2.54mm 10X1 PIN-HEADER, Male	2.54mm Male	Bottom side
10	1	J8	7MSDP-B0-1012	Micro SD Connector	SMD	Top side
11	1	R1	330R	1/10W-5% SMD	CASE 0603	Top side
12	1	SW1	SKHMPSE010	Tact Switch 6.2X6.5 SMD	Tact Switch 6.2X6.5 SMD	Top side
13	1	U1	GL1117-3.3	LDO	SOT-223	Top side
14	1	U2	IMP811SEUS-T	Reset IC	SOT-143	Top side
15	3	U3,U4,U5	74LVC1G125DCK	Single 3-State Buffer	SC70(DCK)	Top side
16			PCB	68.58mm X 53.34mm, 2Layer		