

ioShield-K Ver1.0 Partlist

Item	Q.ty	Reference	Part	Tech. Characteristics	Package	Assembly
1	3	C1,C2,C3	10uF/16V	10uF/16V-20% Tantal	Size A	Top side
2	1	D1	CHIP-LED	RED	CASE 0603	Top side
3	1	J1	HEADER SOCKET 8, Female	2.54mm 8X1 HEADER SOCKET, Female	2.54mm Female	Top side
4	2	J2,JP1	HEADER SOCKET 6, Female	2.54mm 6X1 HEADER SOCKET, Female	2.54mm Female	Top side
5	2	JP6,JP7	HEADER SOCKET 12, Female	2.54mm 12X1 HEADER SOCKET, Female	2.54mm Female	Top side
6	1	J4	HEADER 6, Male	2.54mm 6X1 PIN-HEADER, Male	2.54mm Male	Top side
7	1	J3	DC JACK	DC POWER JACK, 2PI	DC JACK	Top side
8	1	J7	7MSDP-B0-1012	Micro SD Connector	SMD	Top side
9	1	L1	HH-1M1608-121JT	Bead for Power Line, 120[ohm]	CASE 0603	Top side
10	1	R1	330R	1/10W-5% SMD	CASE 0603	Top side
11	4	R4,R5,R6,R8	0R	1/10W-5% SMD	CASE 0603	Top side
12	1	U1	GL1117-3.3	3.3V LDO	SOT-223	Top side
13	2	R3,R7	not mounted(0R)	1/10W-5% SMD	CASE 0603	
14	1	U2	not mounted(SN74LVC1G08)	Single AND Gate	SOT-23-5(DBV)	
15	1	C5	not mounted(0.1uF)	50V-10% Ceramic	CASE 0603	
16	1	JP4	not mounted(HEADER SOCKET 1, Female)	2.54mm 1X1 HEADER SOCKET, Female	2.54mm Female	
17	1	JP32	not mounted(HEADER SOCKET 3, Female)	2.54mm 3X1 HEADER SOCKET, Female	2.54mm Female	
18	2	J5,J6	not mounted(HEADER 16, Male)	2.54mm 16X1 PIN-HEADER, Male	2.54mm Male	
19	1	R2	not mounted(10K)	1/10W-5% SMD	CASE 0603	
20	1		PCB	60mm X 60mm, 2Layer		