



DEFCON China 1.0 Badge: FPC to Arduino Shield
Bill-of-Materials
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Notes:

1) Do Not Populate: P5, P6

Item	Quantity	Reference	Manufacturer	Manuf. Part #	Distributor	Distrib. Part #	Description
1	2	C1, C2	Samsung	CL31B104KBCNFNC	Digi-Key	1276-2744-1-ND	Capacitor, 0.1uF, 50V, Ceramic, 10%, X7R, 1206
2	1	D1	Kingbright	APB3025ESGC-F01	Digi-Key	754-1645-1-ND	LED, Red/Green Bi-Color, 568nm/617nm, 4-SMD
3	1	P1	Amphenol ICC/FCI	68001-106HLF	Digi-Key	609-3272-ND	Connector, Header, 6 position, 0.1" P, Single row, PCB mount
3b	1	P1 (Alternate)	Samtec	SSQ-106-03-G-S	Digi-Key	SAM1198-06-ND	Connector, Receptacle, 6 position, 0.1" P, Single row, PCB mount
4	1	P2	Amphenol ICC/FCI	68001-110HLF	Digi-Key	609-3274-ND	Connector, Header, 10 position, 0.1" P, Single row, PCB mount
4b	1	P2 (Alternate)	Samtec	SSQ-110-03-G-S	Digi-Key	SAM1198-10-ND	Connector, Receptacle, 10 position, 0.1" P, Single row, PCB mount
5	1	P3	Amphenol ICC/FCI	HFW12S-2STE1LF	Digi-Key	609-1113-1-ND	Connector, FFC/FPC, 12 position, 1mm P, Vertical, SMD
6	2	P4, P7	Amphenol ICC/FCI	68001-108HLF	Digi-Key	609-3273-ND	Connector, Header, 8 position, 0.1" P, Single row, PCB mount
6b	2	P4, P7 (Alternate)	Samtec	SSQ-108-03-G-S	Digi-Key	SAM1198-08-ND	Connector, Receptacle, 8 position, 0.1" P, Single row, PCB mount
7	1	R1	Panasonic	ERJ-8GEYJ103V	Digi-Key	P10KECT-ND	Resistor, 10k, 5%, 1/4W, 1206
8	2	R2, R3	Panasonic	ERJ-8GEYJ471V	Digi-Key	P470ECT-ND	Resistor, 470 ohm, 5%, 1/4W, 1206
9	1	R4	Panasonic	ERJ-8GEYJ105V	Digi-Key	P1.0MECT-ND	Resistor, 1.0M, 5%, 1/4W, 1206
10	1	SW1	CTS	218-6LPST	Digi-Key	CT2186LPST-ND	Switch, Slide/DIP, SPST, 6 position, 0.050" P, Gull wing
11	1	U1	Texas Instruments	TXS0104EDR	Digi-Key	296-20696-1-ND	IC, Level Translator, Bi-Directional, 4 channel, SOIC14
12	1	PCB	e-Teknet	DCN FPC Shield	N/A	N/A	PCB Fabrication