Assembly Ref	A06-02	**Job No.**	C2698	Kit Prep 1 hour		Assembly time ?? mins per board	
Build Qty	1			UNIT WEIGHT			

Mj Ref	Qty per board	Kit Qty	Kitted	Board Ref	Description	Suppler	Ref
A06-01	1	1	1	A1	ADAFRUIT FEATHER BASIC ATSAMD21 CORTEX M0	MOUSER	485-2772
A06-02	1	1	1	BUZ1	AUDIO MAGNETIC XDCR 3-5V SMD	Digikey	102-3736-1-ND
A06-03	10	10	20	C1, C2, C3, C4, C5, C6, C7, C8, C10, C11	CAP CER 10NF 50V X7R 0603	Farnell	2346966
A06-04	2	2	5	D1, D2	DIODE GEN PURP 100V 300MA SOD123	Farnell	3127171
A06-05	0	0	9	J1, J2, J4, J6, J7, J8, J9, J10, J11	3.5 mm PCB Mount Stereo Jack Socket, 4Pole 1A	Farnell	2677783
A06-06	1	1	1	J5	4 Pole Side Entry Shrouded Header 2.00mm	Rapid	22-5204
A06-07	1	1	1	K1	DPDT telecom PCB relay, 2A 3Vdc coil, EA	Farnell	1326155
A06-08	2	2	5	Q1, Q2	TRANS NPN 40V 0.6A SMD SOT23-3	Farnell	1773626
A06-09	1	1	5	Q3	BIASED 50V 100mA	Farnell	3368898
A06-10	1	1	10	R1	RES SMD 3.3K OHM 1% 1/10W 0603	Farnell	9238549
A06-11	2	2	10	R2, R7	RES 1K OHM 0.1% 1/10W 0603	Farnell	2502396
A06-12	1	1	10	R3	RES SMD 100K OHM 1% 1/10W 0603	Farnell	9238727
A06-13	1	1	5	R4	10kΩ, Trimmer Potentiometer 0.2W Top Bourns, 3306P	Farnell	108239
A06-14	2	2	10	R5, R6	RES SMD 4.7K OHM 5% 1/10W 0603	Farnell	9233466
A06-15	11	11	20	R8, R9, R10, R11, R12, R18, R19, R20, R21, R22, R23	RES SMD 100 OHM 1% 1/10W 0603	Farnell	9238360
A06-16	4	4	10	R13, R14, R15, R16	RES SMD 390 OHM 5% 1/10W 0603	Farnell	9233326
A06-17	1	1	10	R17	RES SMD 22K OHM 5% 1/10W 0603	Farnell	9233547
A06-18	1	1	10	SW1	PUSHBUTTON SMD	Farnell	9471898
A06-19	4	4	4	U1, U2, U3, U4	1 Form A Solid-State Relay (NO)	Farnell	1470184