Assembly	Id	Quantity	Reference	Side	Note	Description	Manufacturer	ManufacturerPN	DigikeyPN
Common	1	1	J1	Top	-	20x2P 100mil male box header	Sullins Connector	SBH11-PBPC-D20-ST-BK	S9175-ND
Common	2	3	P1,P5,P6	Bottom	NOSTUFF	8x1P 100mil male header, 11.5mm pin length, breakaway strip	-	-	-
Common	3	5	P2,P3	Bottom	-	8x1P 100mil male header, 11.5mm pin length, breakaway strip	-	-	-
Common	4	1	P4	Bottom	-	10x1P 100mil male header, 11.5mm pin length, breakaway strip	-	-	-
Common	5	1	P7	Bottom	-	18x2P 100mil male header, 11.5mm pin length, breakaway strip	-	-	-
Common	6	2	P8,P9	Top	NOSTUFF	6x1P 100mil male header, 11.5mm pin length, breakaway strip	-	-	-
Common	7	1	P10	Top	-	7x1P 100mil male header, 11.5mm pin length, breakaway strip	-	-	-
Common	8	1	P10	Top	-	Sparkfun microSD breakout board (https://www.sparkfun.com/products/13743)	SparkFun	DEV-13743	-
Common	9	3	C1,C2,C3	Top	-	100nF/16V ceramic capacitor, 100mil spacing	Vishay	K104K10X7RF53L2	BC5137-ND
Common	10	2	C4,C5	Top	-	33uF/16V electrolytic capacitor, radial, 100mil spacing, 6mm max diameter	Panasonic	ECE-A1CKS330	P968-ND
Common	11	1	D1	Top	-	LED, RED, 5mm diameter, 100mil spacing	Broadcom	HLMP-4700	516-1325-ND
Common	12	1	D2	Top	-	LED, YEL, 5mm diameter, 100mil spacing	Broadcom	HLMP-4719	516-1326-ND
Common	13	1	D3	Top	-	LED, GRN, 5mm diameter, 100mil spacing	Broadcom	HLMP-4740	516-1327-ND
Common	14	3	R24,R25,R26	Top	-	1Kohm,1/8W resistor (for 2mA LED current; value appropriate to LED)	Stackpole	CF18JT1K00	CF18JT1K00CT-ND
Common	15	5	R3,R12,R18,R22,R23	Top	-	390ohm,1/4W resistor	Yageo	CFR-25JB-52-390R	390QBK-ND
Common	16	3	R10,R11,R21	Top	-	180ohm,1/4W resistor	Yageo	CFR-25JB-52-180R	180QBK-ND
Common	17	1	R4	Top	-	120ohm,1/4W resistor	Yageo	CFR-25JB-52-120R	120QBK-ND
v3 Version	18	3	U1,U2,U3	Top	-	DS8641N quad bus transceiver	-	-	-
v3 Version	19	3	U1,U2,U3	Top	Optional	16p 300mil DIP socket	-	-	-
v4 Version	20	7	Q1-Q7	Top	-	2N7000 transistor, TO-92 package	Microchip	2N7000-G	2N7000-G-ND
v4 Version	21	1	U1	Top	-	74HCT/AHCT14 hex schmitt inverter (or HC/AHC14)	Texas Instruments	SN74AHCT14N	296-4674-5-ND
v4 Version	22	1	U1	Top	Optional	14p 300mil DIP socket	Assman	A 14-LC-TT	AE9989-ND