DEFCON 16: BSODomizer
Bill-of-Materials
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Item	Quantity	Reference	Manufacturer	Manuf. Part #	Distributor	Distrib. Part #	Description
1	1	BT1	MPD	BH800S	Digi-Key	BH800S-ND	Battery holder for 2 (two) CR2032 cells
1a	2	N/A	Panasonic	CR2032	Digi-Key	P189-ND	Battery, CR2032 3V Lithium coin cell
2	1	C1	Kemet	T494A476M006AT	Digi-Key	399-3828-1-ND	47uF tantalum capacitor, 6.3V, 20%, size A
3	7	C2,C3,C6,C7,C8,C9,C10	Kemet	C0603C104K4RACTU	Digi-Key	399-1096-2-ND	0.1uF bypass capacitor, 16V, X7R, 0603
4	2	C4,C5	Kemet	C0805C105K8RACTU	Digi-Key	399-1172-1-ND	1uF ceramic capacitor, X7R, 10V, 0805
5	1	J1	Tyco/AMP	1734344-1	Digi-Key	A35119-ND	Connector, HD-22 VGA 15-pin, R/A, female
6	1	J2	Tyco/AMP	5749767-1	Digi-Key	A31927-ND	Connector, HD-22 VGA 15-pin, R/A, male
7	1	R1	Panasonic	EXB-A10P103J	Digi-Key	U7103CT-ND	10k ohm 8-resistor network, 5%, 1/16W, SMD
8	5	R2,R4,R7,R9,R10	Panasonic	ERJ-3GEYJ241V	Digi-Key	P240GCT-ND	240 ohm, 5%, 1/10W, 0603
9	3	R3,R6,R8	Panasonic	ERJ-3GEYJ471V	Digi-Key	P470GCT-ND	470 ohm, 5%, 1/10W, 0603
10	1	R5	Panasonic	ERJ-3GEYJ470V	Digi-Key	P47GCT-ND	47 ohm, 5%, 1/10W, 0603
11	1	SW1	Panasonic	EVP-AA002K	Digi-Key	P13347SCT-ND	Switch, SPST tactile momentary, 100gf, 3.5mm x 2.9mm, SMD
12	1	SW2	CTS	218-4LPST	Digi-Key	CT2184LPST-ND	Switch, 4-position SPST DIP, half-pitch, SMD
13	1	U1	Parallax	P8X32A-Q44	N/A	N/A	Microcontroller, Propeller, TQFP-44
14	1	U2	Maxim	MAX4885ETJ+	N/A	N/A	VGA 2-to-1 Multiplexer, QFN-32
15	1	U3	Atmel	AT24C512B-TH-B	Digi-Key	AT24C512B-TH-B-ND	Memory, Serial EEPROM, 64KB, TSSOP-8
16	1	U4	Sharp	GP1US301XP	Digi-Key	425-2527-1-ND	Receiver Module, Infrared (IR), 38kHz, 2.4V-5.5V, SMD
17	1	U5	Micrel	MIC5213-5.0YC5	Digi-Key	576-2755-1-ND	Linear Regulator, LDO, 5V, 80mA, SC70-5
18	1	U6	Micrel	MIC5213-3.3YC5	Digi-Key	576-2753-1-ND	Linear Regulator, LDO, 3.3V, 80mA, SC70-5
19	1	Y1	Citizen	CS20 5.000MABJ-UT	Digi-Key	300-8121-1-ND	Crystal, 5MHz, 18pF, SMD
20	1	PCB	N/A	BSOD 1.0	N/A	N/A	PCB