

## HZ51X v1.0 Recording DI - BILL OF MATERIAL

Reference	Description	Manufacturer	Manufacturer Part #	Qty.
C1, C3, C5, C6, C7, C12	0.1 uF 50V Ceramic Cap, 5mm ls	Murata	RPER71H104K2K1A03B	6
C2, C13	680uF 35V Alum Electrolytic Cap	Panasonic	EEU-FC1V681	2
C4, C8, C10	10uF 100V Alum Electrolytic Cap	Panasonic	EEU-FC2A100	3
C9, C11	10nF 100V Polypropylene Cap, 5mm ls	Wima	FKP20.01/100/2.5	2
R1 to R6	10K - 1% Metal Film Res	Xicon	271-10K-RC	6
R7 to R10, R12, R16	340 Ohms - 1% Metal Film Res	Xicon	271-340-RC	6
R11, R17	698 Ohms - 1% Metal Film Res	Xicon	271-698-RC	2
R13, R14	510 Ohms - 1% Metal Film Res	Xicon	271-510-RC	2
R15	470 Ohms - 1% Metal Film Res	Xicon	271-470-RC	1
U1	5V 1A Voltage Regulator	ST Micro	L7805ACV	1
U2 to U5	Hi-Z Plugins	Classic API	Hi-Z Plugin Kits	4
U6	74HCT174 - 10 to 4 Priority Encoder	NXP	74HCT147N,652	1
U7	74HCT04 - Hex Inverter	NXP	74HCT04N	1
U8	7407 - Open Collector Buffer	Texas Instruments	SN7407N	1
IC Socket 14 PIN	IC Socket 14 PIN	Mill-Max Mfr	110-43-314-41-001000	2
IC Socket 16 PIN	IC Socket 16 PIN	Mill-Max Mfr	110-43-316-41-001000	1
D1, D2, D13	1N4007, 1A 1000V	Fairchild	1N4007	3
D3 to D12	1N4148 - High Conductance Diode	Fairchild	1N4148	10
J1 to J4	Neutrik 1/4" Input Jack	Neutrik	NMJ6HCD2	4
JP1 to JP4	3 Pin Header	WRA	N/A	4
JMP1 to JMP4	Jumpers	WRA	N/A	4
LED1	Green LED 2mm 2.2V Flat Top	Panasonic - SSG	LN322GPH	1
LED2	Amber LED 2mm 2.2V Flat Top	Panasonic - SSG	LN422YPH	1
SW1, SW2	DPDT Push button	C&K	F2UEE	2
Switch Cap	Rec. Switch Cap	C&K	F1202	2
RL1 to RL6	12V low power signal relay BBM	Panasonic - EW	TQ2-12V	6
Heatsink	TO-220 Heatsink for U1	Wakefield	274-2AB	1
Heatsink HW	Hardware for U1 heatsink	Keystone Elec.	4724	1
PCB Sockets	Mill Max Sockets	Mill-Max Mfr	0357-0-15-01-34-27-10-0	24
HZ51X PCB	HZ51X Recording DI PCB	WRA	HZ51X-PCB	1
HZ51X L-bracket	L-Bracket for HZ51X	WRA	HZ51X-LB	1
PCB Screws	4-40 thread, 1/4" long SEMS screws	WRA	N/A	4
HZ51X Face Plates	Face Plate	WRA	HZ51X-FP	1