

DIGWDF Products Universal BOM/Link Lookup	Mouse	Current	MiniRen/8XB	MiniRen/4XB	MiniRen8XBLSD	MiniRenServoXB	MiniRen/8VOXB	MiniRen	MiniRenSO	MiniRenSI	MiniRenSISO	Ren-W	Ren-W	DirkCheap	MegaDirkCheap	ZC	DIGWDF	DIGWDF	RenBuss	RenBuss	RenBuss	RenBuss	DIGWDF
Item Description	Part Number	Retail Price	Controller	Controller	Controller	Controller	Controller	HeadBlinker	Adapter	Adapter	Adapter	SMA	Rev 7	SSR	SSR	Board	675	675 PLUS	Driver	Controller	RI45	SSR	Quietizer
Linear Regulators - Standard Positive 5V, 1A	511-L7805CV	0.59	1	1	1	1	1	1											1	1			
Linear Regulators - Standard 3.3 V 500mA Fix Pos Voltage Regulat	595-UA78M33CKCE3	0.60	1	1	1	1	1					1	1										
Voltage Regulator - L78L33 (TO92 style, 100ma max)	511-L78L33AB2-AP	0.48						1															
Triac 6 Amp 600 Volt	511-9T06-600CW	1.29	8	4																			
MOC3023 Triac & SCR Output Optocoupler	855-MOC3023	0.44	8	4																			
Bridge Rectifiers 1.0 Amp 100 Volt	625-DF01M-E3	0.42	1	1	1	1	1												1	1			
Carbon Film Resistors - Through Hole 750ohms 1/4w	291-750-RC	0.10	2	2	2	2	2																
Carbon Film Resistors - Through Hole 27Kohms 1/4w	291-27K-RC	0.10	1	1	1	1	1		2	2									2				
Carbon Film Resistors - Through Hole 680ohms 1/4w	291-680-RC	0.10	9	5	1	1	9	8						4	24			4		3		8	
Carbon Film Resistors - Through Hole 180ohms 1/4w	291-180-RC	0.10	8	4																			
Carbon Film Resistors - Through Hole 470ohms 1/8w	299-470-RC	0.10			8																		
Carbon Film Resistors - Through Hole 120ohms 1/4w	291-120-RC	0.10							1	1							4	4					
Carbon Film Resistors - Through Hole 1Kohms 1/4w	291-1K-RC	0.10							2	2		1	1						2				1
Carbon Film Resistors - Through Hole 33ohms 1/8w	299-33-RC	0.10										1	1										
Carbon Film Resistors - Through Hole 15Kohms 1/4w	291-15K-RC	0.10																		1			
Carbon Film Resistors - Through Hole 15Kohms 1/2w	293-15K-RC	0.15														2							
Nonpolarized Capacitors - Leaded 50volts 0.1uF	80-C322C104K5R	0.32	2	2	2	2	2	2									1	1		1			
Electrolytic Capacitor - Leaded 25volts 2200uF	871-841827AS228M000	0.50	1	1	1	1	1	1															6
Electrolytic Capacitor - Leaded 25volts 47uF	647-UVR1E470MDD	0.28	1	1	1	1	1	1	1	1	2								1				
Electrolytic Capacitor - Leaded 25volts 1000uF	UVR1C1010MDD	0.28																					
Electrolytic Capacitor - Leaded 16volts 3300uF	140-86A33M41C8K1325P	0.77																	1	1			
Standard LED - Through Hole HI EFF RED TRANS	W7710A10GT	0.10	1	1	1	1	1	1				1	1							1			1
H11AA1-Transistor Output Optocouplers 6Pin	782-H11AA1	0.98	1	1	1	1	1	1												1			
PIC16F688 Microcontrollers (MCU) 7KB 256 RAM 12 I/O 14Pin	579-PIC16F688-UP	1.74	1	1	1	1	1	1	1	1						1				1			
PIC12F675 Microcontroller (MCU) 1.75KB 64 RAM 6 I/O 8Pin	579-PIC12F675-UP	1.38																					
Half-size clock oscillator DIP-8 5V 18.432MHz	520-TCH1843-X	2.11	1	1	1	1	1	1	1	1										1			
Xbee 802.15.4 Modules 2.4Ghz Xbee-PRO 256000 BAUD	888-XBP24-AW1-001	32.00	1	1	1	1	1	1	1	1		1 or 2	1										
ULN2803A - Darlington Transistor Array (18 pins)	5111-ULN2803A	0.93																					
Fixed Terminal Blocks 5.08MM PCB MOUNT 2P	572-2838272	0.40																					
IC Socket 18Pin ECONOMY TIN	571-1-390261-5	0.26					2									2							
IC Socket 16Pin ECONOMY TIN	571-1-390261-4	0.23						1					1	1									
IC Socket 14Pin ECONOMY TIN	571-1-390261-3	0.21	1	1	1	1	1	1												1			
IC Socket 6Pin ECONOMY TIN	571-1-390261-1	0.20	1	1	1	1	1	1								1				1			
IC Socket 8Pin ECONOMY TIN	571-1-390261-2	0.14						8	1	1	2				24		1	1	1	1		8	
Heat Sinks TO-220 HORIZ/VERT SLIM CHANNEL STYLE	532-577102800	0.24	1	1	1	1	1	1															
Header pins 10 PIN SIL VERTICAL GOLD+TIN SOCKET (Xbee Header	855-M22-7111042	1.60	2	2	2	2	2	2				2 or 4	2										
Header pins 22-24 TERMINAL BULK FEMALE (optional for connect	538-16-02-2102	0.20																					
Header pins VERT PCB HDR 2Pin TIN PLATING	538-22-03-2021	0.38	1	1	3	2	1	1	2	2	9	9							2				
Header pins VERT PCB HDR 3Pin TIN PLATING	538-22-03-2031	0.30		1																			
Header pins VERT PCB HDR 4Pin TIN PLATING	538-22-03-2041	0.19	1														2	2		1			
Header pins VERT PCB HDR 5Pin TIN PLATING	538-22-03-2051	0.73																					
Header pins VERT PCB HDR 6Pin TIN PLATING	538-22-03-2061	0.74			1	1	1		1	1	1									1			
Header pins VERT PCB HDR 8Pin TIN PLATING	538-22-03-2081	1.03			1	3	1	2															
Header pins VERT PCB HDR 10Pin TIN PLATING	538-22-03-2101	0.76																		1	1		
Header pins VERT BREAKAWAY HDR 8Pin dual row tin	538-10-89-7081	0.95	1	1																			
Female Header Socket, 100 spacing, 10-pin, tin plating	517-028974-01-10-8K	1.47																			2	2	
Female Header single wire crimp-on connector, Molex	538-16-02-0102	0.14																					
Tamura 3FS-312 12.6v, 200ma, 6.3v 400ma	838-3FS-312	4.26	1																				
Transformer Radio Shack 273-1385B 12.6v 300ma	Radio Shack 273-1385	4.69	* subst	1	1	1	1	1															
Ethernet & Telecom Connectors VERT PCB 8/8 RI45 SMALL PANEL	538-95503-2881	0.91			2				1	1	2	2	1		6		2	1	1		2	2	
D-Sub Connectors, Right Angle DE9	152-3409	1.57																					
2N2222A Transistors Bipolar (BJT) 600mA 75V NPN	863-2N2222AG	0.37			8																		
VO2223A Triac & SCR Output Optocouplers 1 A, DIP-8 package	782-VO2223A	1.23					8							4			4	4				8	
Fuseholders, Clips, & Hardware For 5mm Diameter Fuses	504-1A5018-07	0.50	2			2	2								2							2	
Fuse 5A 5x20mm	8K/5500-5-R	0.24	1			1	1								1							1	
Vinyl Fuse Cover (5x20mm)	534-3527C	0.36	1			1	1								1							1	
ST485BN chip - Buffers & Line Drivers 8Pin	ST485BN	0.98							1	1	2								1				
Zener diode 4.3v 1/2w	1N5229B-TR	0.07								1	1								1				
Zener diode 9.1v 1/2w	1N5239B-TAP	0.07								1	1								1				
Zener diode 3.3v 1w	1N4728ATR	0.24										1	1										
Zener diode 5.1v 1w	51Z-1N4733A	0.14																					
1N4002 diode (or 1N4001, 1N4003, 1N4004)	51Z-1N4002	0.20																		1			
Non-polarized capacitor - 1uF	810-FK24Y5V1H105Z	0.39										5	5										
MAX232IN - buffers and line drivers - 16pin	595-MAX232IN	0.78										1	1										
Battery holder, 4-AA cells	128H347-GR	1.12						1															
Jumper Shunt	151-8000-E	0.15										4	4				1	1	1	1			