

MH21 Triple Vactrol Resonator (updated 10/7/15 by Dave Brown)

Mouser #	Mfr. #	Manufacturer	Description	Qty	Comments
810-FK26C0G1H104J	FK26C0G1H104J	TDK	Multilayer Ceramic Capacitors MLCC - Leaded 0.1uF 50volts COG +/-5%	0	Use film below
81-RDE5C1H102J0M1H3A	RDE5C1H102J0M1H03A	Murata	Multilayer Ceramic Capacitors MLCC - Leaded 1000pF 50Vdc COG 5%	0	Use film below
649-DILB8P223TLF	DILB8P-223TLF	FCI	IC & Component Sockets 8P IC SOCKET	6	
517-929852-01-05-RA	929852-01-05-RA	3M	Headers & Wire Housings 10P STRT BRD MNT SKT 2 ROW 10MICRO" AU	4	Updated quantity
649-67997-410HLF	67997-410HLF	FCI	Headers & Wire Housings 10 POSITION DBL. ROW	4	Updated quantity
611-7101SDCQE	7101SDCQE	C&K Components	Toggle Switches ON-ON SPDT PCB SEALD	2	5mm LS
595-TL072IP	TL072IP	Texas Instruments	Operational Amplifiers - Op Amps Dual JFET In Low N	6	
771-BF245B126	BF245B,126	NXP	RF JFET Transistors AMMORA FET-RFSS	1	Can substitute NTE312
512-2N3906BU	2N3906BU	Fairchild Semiconductor	Bipolar Transistors - BJT PNP Transistor General Purpose	4	Straight leads - bend to fit
512-2N3904BU	2N3904BU	Fairchild Semiconductor	Bipolar Transistors - BJT NPN Transistor General Purpose	5	Bend to fit
583-1N4148-T	1N4148-T	Rectron	Diodes - General Purpose, Power, Switching 100V If/300mA T/R	1	
647-USA1V100MDD	USA1V100MDD	Nichicon	Aluminum Electrolytic Capacitors - Leaded 35volts 10uF 5x7 20% 2LS	2	
505-MKS2.1/63/10	MKS2C031001A00KSSD	WIMA	Film Capacitors 63V .1uF 10%	5	
594-K103K15X7RF5UL2	K103K15X7RF5UL2	Vishay	Multilayer Ceramic Capacitors MLCC - Leaded .01uF 50volts 10% 2.5mm X7R	13	Updated quantity
505-MKS2.068/63/10	MKS20-.068/63/10	WIMA	Film Capacitors 63V .068uF 10% PCMS	1	5mm LS & narrow width; unverified
505-FKS26800/100/10	FKS2D016801A00KSSD	WIMA	Film Capacitors 100V 6800pF 10%	1	5mm LS & narrow width; unverified
505-FKS2D011001AKC00	FKS2D011001A00KC00	WIMA	Film Capacitors 1000pF 100 Volts 10%	4	5mm LS & narrow width; unverified
80-C315C101K1G-TR	C315C101K1G5CA7303	WIMA	Multilayer Ceramic Capacitors MLCC - Leaded C315 100pF 100volts COG 10%	3	Changed to ceramic COG
652-3319P-1-104	3319P-1-104	Bourns	Trimmer Resistors - Through Hole 9MM RND 100KOHMS 25% 0.2WATTS	3	Unverified
660-RK1/4DL1005F	RK1/4DL1005F	KOA Speer	Metal Film Resistors - Through Hole 1/4 WATT 10M OHM 1%	1	
660-RK1/4DCT52R3324F	RK1/4DCT52R3324F	KOA Speer	Metal Film Resistors - Through Hole 1/4 WATT 3.32M OHM 1%	1	
660-MFS1/4DCT52R1004F	MFS1/4DCT52R1004F	KOA Speer	Metal Film Resistors - Through Hole 1M ohm 1%	1	
660-MF1/4DC2203F	MF1/4DC2203F	KOA Speer	Metal Film Resistors - Through Hole 220K 1% 100PPM	3	
660-MFS1/4DCT52R1003F	MFS1/4DCT52R1003F	KOA Speer	Metal Film Resistors - Through Hole 100K ohm 1%	15	
660-MF1/4DC4702F	MF1/4DC4702F	KOA Speer	Metal Film Resistors - Through Hole 47K 1% 100PPM	5	
660-MFS1/4DCT52R2702F	MFS1/4DCT52R2702F	KOA Speer	Metal Film Resistors - Through Hole 27K ohm 1%	1	
660-MFS1/4DCT52R1502F	MFS1/4DCT52R1502F	KOA Speer	Metal Film Resistors - Through Hole 15K ohm 1%	1	
660-MFS1/4DCT52A1002F	MFS1/4DCT52A1002F	KOA Speer	Metal Film Resistors - Through Hole 10K ohm 1%	11	
660-MF1/4DCT52R4701F	MF1/4DCT52R4701F	KOA Speer	Metal Film Resistors - Through Hole 1/4W 4.7K ohm 1%	1	
660-MFS1/4DCT52R2701F	MFS1/4DCT52R2701F	KOA Speer	Metal Film Resistors - Through Hole 2.7K ohm 1%	3	
660-MFS1/4DCT52R2201F	MFS1/4DCT52R2201F	KOA Speer	Metal Film Resistors - Through Hole 2.2K ohm 1%	1	
660-MFS1/4D52R1501F	MFS1/4DCT52R1501F	KOA Speer	Metal Film Resistors - Through Hole 1.5Kohms 1% 100PPM	3	
660-MS1/4DCT52R1001F	MFS1/4DCT52R1001F	KOA Speer	Metal Film Resistors - Through Hole 1/4W 1K ohm 1%	9	
660-MFS1/4DCT52R47R0F	MFS1/4DCT52R47R0F	KOA Speer	Metal Film Resistors - Through Hole 47 ohm 1%	3	
660-MF1/4DCT52R4700F	MF1/4DCT52R4700F	KOA Speer	Metal Film Resistors - Through Hole 1/4W 470 ohm 1%	3	
623-2743001112LF	2743001112	Fair-Rite	EMI Filter Beads, Chips & Arrays 43 BEAD ON LEAD Z=68 OHM @ 100MHZ	2	Shorter LS
534-24404	24404	Keystone Electronics	Standoffs & Spacers 5.5 HEX 12.0mm BRS	4	
517-30310-6002	30310-6002HB	3M Electronic Solutions Division	Headers & Wire Housings 10P STRT 4WALL GLDFL	1	
696-SSL-LX3044LID	SSL-LX3044LID	Lumex	Standard LEDs - Through Hole 3mm Short Lens Red	3	
Smallbear Electronics or Allied Electronics		Excelitas Technologies	VTL5C3/2 Optocoupler; Analog; Axial; Photocell; Vactrol; 40 mA (LED)	3	Not available at Mouser
Smallbear Electronics		Alpha	Alpha 9mm right angle PCB mount 100K linear potentiometer	7	Not available at Mouser
Earthenvar or Thonk	PJ301B		PJ301BM - 3.5mm Flight Jacks	13	Not available at Mouser