



2507 HOWARD LANE, AUSTIN, TX 78728

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Mac 2K Performance II Parts List

Item	Description
02005111	C167 CR CMOS 16 bit processor 33MHz
02005411	Single Chip Controller 89C2051 ,SMD
02005419	PIC16C505T-04/SL, 14pin, SMD
02012542	XC2S15-5VQ100 FPGA, SMD, VQFP
02031510	256Kx16 15ns SRAM,SMD,SOJ-44
02034507	16K bit Serial Eeprom SMD, 93LC86 /SN
02035522	28F400, 256Kx16 flash PROM, PSOP 44
02050100	74 HCT 02 QUAD 2-INPUT NOR ,SMD
02050102	74 HCT 14 HEX inverting Schmitt Trig,SMD
02050103	74 HCT 32 QUAD 2-INPUT OR ,SMD
02050114	74 HCT 373 OCTAL LATCH ,SMD
02050115	74 HCT 374 OCTAL LATCH ,SMD
02050118	74 HCT 574 OCTAL LATCH ,SMD
02050120	74 HCT 4051P 8-1 MUX ,SMD
02050301	74 HC 05 HEX inverting open collector,SMD
02050303	74 HC 14 HEX inverting Schmitt Trig,SMD
02055505	Mono/astbl mutivibr. CMOS SO-1
02101101	LM 339 Quad Comparator. SMD
02105011	Regulator, 1.5A voltage, LT1086, TO220
02105225	LD1117, 2.5V, 800mA volt reg, SMD
02105233	LD1117, 3.3V, 800mA volt reg, SMD
02105801	Isolated 5V DC-DC converter, 3 kV
02106101	Programmable Voltage Reference, TL431ACD
02120901	High-Voltage half bridge driver, L6384D
02121014	Dual Full Bridge Driver, L6204, DIP
02121600	ADM 705 AR supervisory circuit, SMD
02121705	75C176 BiCMOS RS485 Transceiver
02123001	Hall Sensor



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02123201	TSL235 Light to frequency converter
02123601	LM35CZ, Tempsensor
02200002	6N137 Opto photo IC
02200500	TLP131, opto photo transistor, SMD
02202002	Photo interrupter, 5mm PCB type
02300401	BC 847B , SMD
02301201	BC 857B , SMD (BC557)
02320601	MDMos, STB12NM50
02320602	IRLML2803 Nchan MOSFET 30V 1A
02320618	NTD20N06 Nch 20A/60V SMD
04020328	2.2 nF 250V Y2 film capacitor
04020336	10nF, X2, 250V, film capacitor
04020352	220nF, X2, 250V film capacitor
04020354	220nF, X2, 250V film capacitor
04040236	100uF, 25V, electrolytic, radial
04040256	4700uF, 25V, electrolytic, radial
04040553	2200uF, 50V, electrolytic, radial, h=25mm
04040639	180uF, 63V, electrolytic, radial, low ESR
04040944	470uF, 250V, electrolytic, snap-in
04050140	2.2nF, 50V, ceramic, SMD
04050148	10nF, 50V, ceramic, SMD
04050152	22nF, 50V, ceramic, SMD
04050160	100nF, 50V, ceramic, SMD
04050168	470nF, 50V, ceramic, SMD
04050216	22pF, 63V, ceramic, SMD
04050217	27pF, 63V, ceramic, SMD
04050220	47pF, 63V, ceramic, SMD
04050232	470pF, 50V, ceramic, SMD
04050501	10uF, 6.3V, ceramic, SMD, 1206
04051132	470nF, 50V, ceramic, SMD 0603



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04051136	1nF, 50V, ceramic, SMD 0603
04051148	10nF, 16V, ceramic, SMD 0603
04051154	33nF, 16V, ceramic, SMD 0603
04051160	100nF, 16V, ceramic, SMD 0603
04051168	47nF, 10V, ceramic, SMD 0603
04051224	100pF, 63V, ceramic, SMD 0603
04051400	470pF, 1KV, ceramic, SMD 1206
04080100	10uF, 16V, electrolytic, SMD
04080316	2.2uF, 40V, electrolytic, SMD
04082116	2.2uF, 16V, tantalium, SMD
04082124	10uF, 16V, tantalium, SMD
04150000	0 Ohm Resistor
04170000	0 OHM RESISTOR, SMD
04170200	10 Ohm, resistor, SMD
04170240	33 Ohm, resistor, SMD
04170256	47 Ohm, resistor, SMD
04170280	68R Ohm, SMD, 1206
04170340	270 Ohm resistor, SMD, 1206
04170356	390 Ohm resistor, SMD, 1206
04170400	1K Ohm resistor, SMD, 1206
04170432	2K2 Ohm resistor, SMD, 1206
04170500	10K OHM RESISTOR, SMD
04170540	27K Ohm resistor, SMD
04170640	270K OHM RESISTOR, SMD
04170648	330K OHM RESISTOR, SMD
04170700	1M0 OHM RESISTOR, SMD
04171100	1 OHM resistor, SMD, 0.25W
04171116	1.5 OHM RESISTOR, SMD 0.25W
04171132	2.2 OHM RESISTOR, SMD 0.25W
04171372	560 OHM RESISTOR, 1% ,SMD



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04171488	8K2 OHM RESISTOR, 1% ,SMD
04171500	10K OHM RESISTOR, 1% ,SMD
04171700	1M OHM RESISTOR, 1% ,SMD
04176000	0R OHM, 5% 0.06W, SMD 0603
04176100	10R Ohm resitor, 1% 0.1W, SMD
04176224	180R Ohm resitor, 1%, 1/10W, SMD
04176340	560R OHM, resistor, 1% 1/10W, SMD 0603
04176372	560R OHM RESISTOR, 1% 1/10W, SMD 0603
04176380	680 OHM RESISTOR, 1% 1/10W, SMD 0603
04176400	1K Ohm resistor, 1% 0.1W, SMD 0603
04176416	1K5 OHM RESISTOR, 1% 1/10W, SMD 0603
04176424	1K8 Ohm, 1% 0.1W, SMD 0603
04176432	2K2 Ohm resistor, 1% 0.1W, SMD 0603
04176440	2K7 OHM RESISTOR, 1% 1/10W, SMD 0603
04176448	3K3 OHM, 5% 0.06W, SMD 0603
04176464	4K7 Ohm resitor, 1% 0.W, SMD 0603
04176488	8K2 OHM RESISTOR, 1% 1/10W, SMD 0603
04176500	10K OHM RESISTOR, 1% 1/10W, SMD 0603
04176516	15K Ohm resitor, 1% 0.1W, SMD 0603
04176524	18K Ohm resistor, 1%, 1/10W, SMD
04176532	22K OHM RESISTOR, 1% 1/10W, SMD 0603
04176540	27K Ohm, 1% 0.1W, SMD 0603
04176564	47K OHM RESISTOR, 1% 1/10W, SMD 0603
04176600	100K Ohm resitor, 1% 0.1W, SMD 0603
04176632	220K Ohm resistor, 1%, 1/10W, SMD
04176700	1M Ohm, 1% 0.1W, SMD 0603
04176716	1M5 Ohm resistor, 1% 0.1, SMD 0603
04190203	10K Ohm 1.6 Watt Resistor
04190303	100 Ohm 2 Watt Resistor
04190705	Resistor, 100 Ohm, 5W



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04200101	10R 1218 5% 100ppm 1W
04200102	15R 1218 5% 100ppm 1W
04200104	33R 1218 5% 100ppm 1W
04200185	47K 1218 5% 100ppm 1W
04200201	100 ohm resistor, 1W, SMD
04200501	0.12 Ohm 3 Watt Resistor 1% RX
04251001	20 OHM NTC, 5A Surge current limiter
04251003	1K Ohm NTC thermistor 2%
04260320	4K7 Ohm (x4) 5%, 50V res. array
04260326	15K Ohm (x4) 5%, 50V res. array
04301001	BAS32L-115 (1N4148) , SMD
04301002	BYD37M-115 (1N4007) , SMD
04301008	Diode, Schottky, STPS10150CG
04301009	Diode, Schottky, STPS10150CT, dua
04301010	BAT54S, dual shottky diode
04301012	Diode, US1J/13 (UF4005)
04302009	Bridge 6A/600V GBU6J
04304050	Diode, ZENER BZG03-C200, 200V, 3W
04305001	Diode 3V9, Zeener
04305002	Diode, 5V1, Zeener
04305004	6V8 0.5W ZEENER DIODE, SMD
04305011	Diode, 15V Zener
04307002	6V8, diode transil
04307004	Diode transil, 10V
04307010	Diode transil, 33V
04310003	LED 3mm Green
04310004	LED 3mm Red
04311001	LED 3mm Green
04311002	LED 3mm Red
04312011	LED 14 segment 13.8mm, RED



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04350013	X-tal 12MHz low profile
04350213	X-tal 12MHz low profile, SMD Tape
04400006	Inductor, 100uH, 2.8A, radial, L
04400007	Inductor, 100 uH, 9A, radial
04400202	Inductor 1uH, 1A, SMD
04400405	Noise sup chokes, 2x680uH, 16A
04401102	Magnet 2x2x2 mm
04502001	Trafo 250W for SMPS halfbridge
05000007	Relay, 12V, 5A/230, 10A/125VAC, single
05000008	12V DC Relay 16A/250V
05020013	Fuse 3.15 AT, high I*I*t
05020016	Fuse 4 AT
05020025	Fuse 10AT
05020039	FUSE 15AT 6.3 x 32 mm
05020040	Fuse, 20 A T, 6.3 x 32 mm
05030001	Fuse holder PCB, plastic support
05031021	Fuse holder chassis 6.3mm plugs , 30A
05031022	Fuse holder FEK 6.3x32 CAP IP40
05031023	Protection cap for FUL Fuse holder
05040009	140` Thermostat Open
05040019	145° thermostat, open, airflow, +/-5C
05061013	Silicone pads, glassfiber reinforced
05120011	Socket-IC 8 pin , tulip
05120015	Socket-IC 20 pin tulip
05120701	Jumper, 2 pole, 2.54mm spacing
05123001	XLR female 3-pin chassis, PCB, angle, gold
05123102	XLR 5pin female chassis. PCB, angle
05143001	XLR male 3-pin chassis, PCB, angle, gold
05143102	XLR 5-pin male chassis, PCB, angle
05144002	Header 2 pole 2.54mm PCB



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05144003	Header 3 pole 2.54mm, PCB, coded
05144004	Header 4 pole, 2.54mm, PCB , coded
05144006	Header 6 pole, 2.54mm
05144014	Header 4 pole 5.0mm molex PCB
05144030	8 pol, 5A, tinning nickel
05144060	Header, 40 pole, PCB sil
05144103	Header 3 pole, angle 2.54mm, PCB
05144104	Header 2 pole, angle, 2.54mm, PCB
05144110	Header, 4P, ang., 2.54mm, PCB (2511)
05144507	Header, 2x3pol, C1806A G-6-3-129
05144508	Header, 2x2 pol, C1804AT-6-3-129
05149001	Spade plug 6.3mm male , PCB
05149002	Spade plug 6.3mm male , angle PCB
05220502	Connector, plast ,large
05221209	Socket 951 for HMI1200 W/S SFc10-4
05323500	Socket for 05323601, 1p AMP
05323516	Plug, 6 pole, female, angle, yellow, 0.12-0.14#
05323518	Plug female angle, wire, 3 pole, blue, 0.12-0.14#
05323522	Plug MTA female angle, wire, 2 pole, natural, 0.20-0.22#
05323523	Plug, female angle, wire, 3 pole, natural, 0.20-0.22#
05323524	Plug, female angle, wire, 4 pole, natural, 0.20-0.22#
05323601	Plug AMP power 2 pin Caphousing, male
05324214	Crimp term housing, 4 pole, 5.0
05328202	Cable plug, 2.8mm housing, faston
05328203	Cable plug, 2.8mm, female, single, faston
05343501	Pin 1p AMP for 05343601
05343601	Plug, AMP power, 2 pin caphousing, female
05501201	Tact Switch SMD h = 9.5mm
05503402	Switch 2pol PCB straight,
05520503	Micro switch, 5A, 250VAC



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05520504	Micro switch 5A/250V without arm
05523002	Mains switch 2 pole
05701201	Stepmotor, standard mini, w/o wire, 22mm shaft
05701202	Stepmotor, 14PM-M204, wire 1100mm, 12mm shaft
05701402	Stepmotor, 39x20mm, short shaft
05701405	Stepmotor, 42x42mm, 24mm shaft
05701450	Stepmotor, 39x39x28mm, 12mm shaft
05701451	Stepmotor, 39x39x20mm, 12mm shaft
05701603	Stepmotor, standard small, wire 1100mm, 12mm shaft
05701605	Stepmotor, standard medium, 12V, w/o wire
05701606	Stepmotor, standard medium, 9V micro, w/o wire
05703801	Stepmotor, 3 phase, w/o wire
05741201	Fan 12V DC Brushless 3"
05742002	Fan 12V DC, brushless, 75x75mm, ball bearing
05742011	Fan Centrifugal 12V ADDA 4"
05749001	Guard for fan 3"
06100003	Electronic ballast for MSR 1200
06110004	Ignitor for 1200W Electronic ballast, (Hot restrike)
08010402	M2x3 screw, Phillips, ph
08010500	M2x4 screw, slotted, cs
08030402	M2.5x6 taptite, Phillips, black
08030501	M2.5x5 taptite, Phillips, cs
08030502	M2.5x6 taptite, Phillips, cs
08030503	M2.5x8 taptite, Phillips, cs
08050401	M3x4 screw, Phillips, ph, black
08050402	M3x5 taptite, Phillips, ph, black
08050406	M3x12 screw, Phillips, ph, black
08050408	M3x20 screw, Phillips, ph, black
08050501	M3x4 screw, Phillips, cs, black
08050505	M3x6 screw, Pozidriv, cs, black



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08050506	M3x16 screw, Phillips, cs, black
08050509	M3x20 screw, Phillips, cs, black
08050700	M3x6 taptite, Torx, ph, black
08050701	M3x8 taptite, Torx, ph, black
08050702	M3x6 screw, Torx, ph, black
08050703	M3x8 screw, Torx, ph, black
08050704	M3x10 taptite, Torx, ph
08050705	M3x12 taptite, Torx, ph
08050801	M3x12 screw, Torx, cs, black
08050802	M3x6 screw, Torx, cs, black
08050803	M3x8 screw, Torx, cs, black
08050804	M3x8 taptite, Torx, cs, black
08050805	M3x6 screw, Torx, cs, black
08050806	M3x8 screw, Torx, cs, black
08050807	M3x4 screw, Torx, cs, black
08051501	M3x3 set screw, Allen
08052601	M3 hex nut, black
08052701	M3 hex lock nut
08053800	M3x5, stand off, m/f, spec.
08053802	M3x5 stand off, m/f
08053803	M3x6 stand off, m/f
08053804	M3x6 stand off, f/f, brass
08053806	M3x7 stand off, m/f, black
08053807	M3x10 stand off, m/f, black
08053809	M3x12 stand off, m/f
08053810	M3x12 stand off, m/f
08053811	M3x13 stand off, m/f, black
08053814	M3x20 stand off, m/f, black
08053816	M3x23.5 stand off, f/f, black
08053826	M3x30 stand off, m/f



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08053829	M3x17 stand off, f/f, black
08053837	M3x10 stand off, f/f, black
08053838	M3x10 stand off, m/f
08054301	M3 Washer
08054302	M3 Washer, nylon
08054401	M3 lock washer, black
08070402	M4x10 screw, Phillips
08070404	M4x12 screw, Phillips, ph, black
08070405	M4x12 screw, Phillips, ph
08070406	M4x12 taptite, Phillips, ph, black
08070407	M4x16 screw, Phillips, ph, black
08070408	M4x20 screw, Phillips, ph, black
08070409	M4x20 taptite, Phillips, ph, black
08070412	M4x40 screw, Phillips, ph, black
08070414	M4x50 screw, Phillips, ph, black
08070501	M4x10 taptite, Phillips, cs, black
08070502	M4x12 screw, Phillips, cs, black
08070505	M4x10 taptite, cs, black
08070507	M4x16, screw, Philips, cs, black
08070701	M4x10 taptite, Torx, ph, black, Paint cut
08070702	M4x6 taptite, Torx, ph, black, spec
08070801	M4x8 screw, Torx, cs, black
08071001	M4x8 hex cap screw, black
08071003	M4x12 hex cap screw, black
08071206	M4x16 screw, Allen, black
08071207	M4x25 screw, Allen, black
08071301	M4x10 screw, Allen, cs, black
08071501	M4x5 set screw
08071505	M4x10 set screw, Allen
08071506	M4x3 set screw, Allen



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08072601	M4 hex nut, black
08072603	M4 hex nut, black
08072701	M4 hex lock nut, PA-insert
08072702	M4 hex lock nut
08072901	M4 hex domed nut, black
08073401	M4 knurled nut, high, brass
08073601	M4 blind rivet nut, cs
08073606	M4-35 blind rivet nut, cs, 1.5-3.6
08073811	M4x27 stand off, m/f, black
08074301	M4 Washer, black
08074302	M4 Washer, 4.3x14x0.8, black
08074303	M4 washer, 4.3x9.6x1.25
08074401	M4 lock washer, black
08074402	M4 Vistop push-on fastener
08090802	M5x8 UH, taptite, Torx
08090803	M5x16 UH, taptite, Torx, black
08090804	M5x16 UH, taptite, Torx
08091005	M5x16 hex cap screw, taptite
08091202	M5x16 screw, Allen, black
08094002	M5 tee nut w. pronges
08094301	M5 Washer
08094302	M5 washer, copper
08094303	M5 Washer, black
08111003	M6x16 hex cap screw
08111007	M6x70 hex cap screw
08111202	M6x12 screw, Allen, black
08111205	M6x22 screw, Allen, black
08111206	M6x25 screw, Allen, black
08111210	M6x60 screw, Allen, black
08111211	M6x30 screw, Allen, black



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08111215	M6x16, screw, Allen
08111309	M6x40 screw, Allen, cs
08111310	M6x22 screw, Allen, cs, black
08112701	M6 hex lock nut, PA-insert
08113601	M6 blind rivet nut, hex
08113602	M6x30 blind rivet nut, cs
08113604	M6 blind rivet nut
08113605	M6 rivet nut, Quicksert
08114001	M6 tee nut w. pronges
08114301	M6 washer, black
08114304	M6 washer for pan-stop
08131201	M8x16 screw, Allen
08190101	2.9x4.5 self-tap, Phillips
08190103	2.9x8 self-tap, Phillips, cs, black
08190301	3.9x9.5 self-tap, Phillips, ph, black
08190404	4.2x13 Self-tap, Torx, black
08190504	5.5x19 hex cap, self-tap, Torx
08200102	2.9x6.5 Plastite, ph, black
08200103	2.9x9.5 Plastite, ph
08200104	2.9x16 Plastite, ph
08200105	3.5x8 eco-syn, ph, black
08200107	5x12 Plastite, ph, black
08200108	4x10 eco-syn, ph, black
08200110	3.5x9.5 Plastite, cs
08200111	2.5x6 eco-syn, ph
08210119	5x80mm Spunscrew PHX,Spax-S
08210121	4x25mm Spunscrew UHX, shiny
08220101	3.2mm x 6 Rivet Black
08220102	3.2 x 7.5 mm Rivet Alu.
08220103	3.2mm x 8 Rivet Black



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08220110	3.2mm x 11,5 Rivet St. St.
08220303	4x8mm, rivet
08220602	5.0mm x 10mm Rivet, alu
08220604	5.0mm x 18.0mm Rivet, alu
08220605	5.0mm x 25,4 mm Rivet, alu
08220606	5.0x16 Pop Rivet grooved alu
08230104	Retaining ring, 25mm shaft
08230113	Starlock 5 mm shaft retaining ring
08240106	1/4 turn fastener, retaining spring 4mm
08240107	1/4 turn fastener, retainer
08240109	1/4 turn fastener receptacle 4mm
08240113	1/4 turn fastener, wingbolt
08240114	1/4 turn fastener, retainer
08240115	1/4 turn fastener pedestal
08240121	1/4 turn stud, DzusPanex 4x11
08240122	1/4 turn stud, DzusPanex 4x17
08240609	Large butterfly catch, cranked
08240703	Magnetic catch, D=20, d=10, L=1.5
08250101	Locking device, steel wire, D=1.5mm
08250303	Safety hook, 4X40mm, galvanized
08261002	Spacer brass l=5, d=3.3 D=5.0
08261003	Spacer brass l=6, d=3.3 D=5.0
08261005	Spacer brass l=14, d=3.3, D=5
08290106	10x20 mm Pipe Plug, black
08331015	M25x7 nut
11021504	Wire, blue, 1x0.25#, 56cm
11022004	Wire, red, 1x0.25#, 56cm
11022506	Wire, black, 1x0.25#, 56cm
11040516	Wire, yellow/green, 1x0.75#, 20cm
11061021	Wire, brown, 1x1.5#, 56cm



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11061515	Wire, blue, 1x1.5#, 57cm
11061516	Wire, blue, 1x1.5#, 58cm
11062504	Wire, black, 1x1.5#, 60cm
11070504	Wire, yellow/green, 1x2.5#, 19cm
11071008	Wire, brown, 1x2.5#, 12cm
11071014	Wire, brown, 1x2.5#, 23cm
11071016	Wire, brown, 1x2.5#, 50cm
11071513	Wire, blue, 1x2.5#, 23cm
11071514	Wire, blue, 1x2.5#, 13cm
11071515	Wire, blue, 1x2.5#, 50cm
11250501	Wire, yellow/green, 1x1.5#, 107cm, LIFY
11251502	Wire, blue, 1x1.5#, 106cm, LIFY
11252502	Wire, black, 1x1.5#, 106cm, LIFY
11320501	Wire, yellow/green, 1x0.75#UL, 30cm, SIFF
11341501	Wire, blue, 1x1.5#UL, 63cm, SIFF
11342501	Wire, black, 1x1.5#UL, 68cm, SIFF
11420501	Wire, yellow/green, 1x0.75#UL, 8cm, SIFF
11441504	Wire, blue, 1x1.5#, 70cm, SIF, W/flex
11441505	Wire, blue, 1x1.5#, 70cm, SIF, w/flex
11441506	Wire, blue, 1x1.5#, 24cm, SIF, w/flex
11541004	Mains cable, 3x2.5#, 300cm, (universal)
11604001	Wire for stepmotor, 110cm, 6 wire
11623001	Wire for stepmotor, 70cm, 3Phase, (JSE)
11624000	Wire for stepmotor, 110cm, (JSE), 125°
11700003	Wireset 4x0.14# ,2 fem. plugs, black
11700017	Wireset 4x0.22#,2 fem. plugs, black, 350mm
11720001	Wireset 6x0.14# ,2 fem. plugs, black, 1000mm
11720012	Wireset 0.14# 6pol-2x3pol
11730006	Wire, E-ballast, dimmer, 640mm
11820008	XLR cable 5m black 3P male-3P female



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11850002	Wireset PSU, MAC 2000 Performance
11860007	Wireset, frame module, MAC 2000 Performance
11860009	Wireset L,Head MAC2000 Performance
11860010	Wireset R,Head MAC2000 Performance
11860013	Wire, frame/CW switch ;26/27; MAC 2000 Performance
11860014	Wire for animation wheel sensor, ;31; MAC 2000 Performance
11860018	Wire, opto sensor ;25; MAC 2000 Performance
11860027	Wire ;14; high-flex, MAC 2000 Performance
11860028	Wire ;15; high-flex, MAC 2000 Performance
11860037	Wireset, base arm, MAC 2000 Wash
11860066	Wireset, CMY module, MAC 2000
13101004	Cabel clamp, 3x2.5#, 3mm plate
13101008	Wire retainer, flexible
13104000	Strap, black , high temp, 2.5x98mm
13104003	Strap, black, 3.6x140mm
13200007	Rubber nibble DA 60/90/20
13200008	Rubber nibble DA 50/70/20
14026005	silicone tube d=5 D=9
14142502	Rubber packing, D=4, black
15802001	Silicon/glas sleeve d=4mm ,black
15802007	Silicon/glas sleeve, d=6mm, black
15804000	Sleeve tube flexible 10mm, black
16000020	Plastic toothwheel, S3M-134
16000060	Timing pulley, S3M, Z=16, l=17mm
16000210	Timing pulley, T2.5, Z=24,d=5
16000220	Gear, T2.5, Z=48, d=27, Mac 2000
16000230	Timingwheel, z=20, Mac600 NT
16000250	Belt guide for iris
16020070	Flange, pulley, D=30
16040050	Timing belt, supertorque MBL, l=486



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16040090	Timing belt, 3S564
16040140	Timing belt, MXL l=260, w=4
16040160	Timing belt WT 2.5-4-230
16040170	Timing belt 270 MXL016
16040180	Timing belt, 195 MXL 016-4
16080170	Silicone toothwheel Z=56 m=1
16080200	Tooth rim for frame
16080210	Tooth wheel, Z=15, m=2, POM
16100200	Guide wheel for frame
16100210	Pulley, D=8, d=6, teflon
16120090	Belt, 145.72x 2.62mm, black
16300080	Adaptor for colorwheel, MAC 500, degreased
16300220	Gear wheel adaptor, MAC2000
16300230	Gearwheelsadaptor ø5, effect
16300281	Adaptor with 5mm hole, MAC 2000
16300290	Adaptor, frame plate, MAC 2000
16360000	Adaptor, magnet, D=30, d=9.5
16520080	Friction brake, PN3812
16700060	Idle, focus timing belt, MAC 500
16700130	Sliding bearing, d=5, Oil bronze
16700140	Focus guide block, small
16700150	Guide block, focus, large part
16720170	Axle for CMYA
16720190	Axle, D=5.0, l=130, MAC2000P
16720200	Axle, D=4.0, l=182, MAC2000P
16740001	Plastic bearing, CMYA, X, PPS
16740011	Plastic guide, CMYA, X, PPS
16740020	Snap-lock for timing belt
16740031	Plastic bearing, CMYA, Y, PPS
16740041	Plastic guide, CMYA, Y, PPS



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16740050	Guide block for animation wheel
16740060	Teflon plate for guide
16760030	Closed ball bearing, D=16 , d=5 ,LC
16760050	Ball bearing, D=47, d=25, t=12
16760073	Ball bearing, 6704ZZ, D=27, d=20
16760090	Ball bearing, 6005 ZZN, D=47, d=25, b=12
16760131	Ball bearing, D=11, d=5, s=5
16760140	Ball bearing, D=52, d=40, b=4
16760150	Ball bearing, D=65, d=50, b=7
16780170	Bushinglock, d=10, MAC2000
16780190	Bushinglock CMY MAC2000
16840010	Telescope slider, ULF HD, 400mm
16860020	Pulley, timing belt
16880040	Washer, 1x10x8, d=5, teflon
16900061	Shaft, pan, base, MAC2000
16900100	Yoke bearing tunnel, MAC2000P
16900110	Bearing/motor adaptor, MAC2000
16920160	Pulley, belt, D=13, d=11x5.5
16920170	Yoke Distanceplate, MAC2000P
16920210	Plate for bearing, Yoke M2000
16920220	Pulley for belt, D=19/d=16x6
17100080	Aparture D=35, MAC 2000 Performance
17200720	Lens adaptor, MAC 2000
17260190	Reflectorplate, MAC2000
17260200	Heatfilterplate, MAC2000
17260210	Heatfilter guide, MAC2000
17260220	Heatfilter bracket, MAC2000
17320180	Adaptor, open gobo, MAC 2000
17320220	Prism adaptor, MAC 2000 Performance
17500010	Pin, PRO 1220-modules, plastic, black



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17500080	Guide tap for lampadj. MAC2000
17500090	Guide tap for shutter plate
17720010	Compression spring, 6/0.6x8
17720100	Compress. spring, d=4.5-12 AG
17740020	Tension spring, D=10, d=1x25
17740070	4/0,5x21 n=25 Tension spring
17740080	Tension spring, D=10, 1.2x27, nt=7
17740090	4/0,5x21 n=25 Tension spring
17740100	0,2x3x13x65 Tension spring
17760130	Circular spring, d=18x1.0
17760230	Conical Spring 1x37x39x20
17760280	Spring, iris belttension
17780030	Spring, base, MAC600, drilled
17780150	Lamp adj. spring
17780160	Spring for reflector MAC2000
17780210	Spring plate for effects, MAC2000
17780230	Spring, zoom/focus, MAC 2000
17800020	Spacer, d=4, ø6x5.5
17800200	Spacer pl. gobowheel
17800210	Teflon spacer pl, MAC2000
17800240	Spacer for goboasmb. MAC2000
17800250	Spacer for bearing, MAC2000
17800270	Spacer, d=5.1, d=6.1x7
17800280	Spacer for guide wheel
17800290	Spacer for frame
17800300	Top washer for frame
17800310	Spacer D=10,d=3x7.5, teflon
17820010	Teflon spacer, mech. sec., MAC 600
17820070	Washer, quater turner, base, MAC600, degreased
17820220	Spacerpl. Sidechas, MAC2000



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17820280	Distance plate, fan, Mac 2000
17820290	Distance plate, airtunnel, Mac 2000
17820320	Spacer for spring bracket
17820330	Washer for frame D=12x1mm
17820340	Spacer for PCB connector
17820350	Spacer for effect wheel 3mm
18000280	Mechanical stop for lock, MAC2000
18000300	Mech. stop, pan, MAC 2000
18020200	Mechanical stop, base, MAC 600
18020260	Stop, L-shaped
18020270	Plate, mechanical stop, belt
18040010	Stop for frame shutter
18220110	Connector pl Head MAC2000
18240090	Plate for display. MAC2000P
18260260	Plate for Starterwire MAC2000P
18260270	Bracket for E-ignior MAC2000E P
18300080	Yoke Switch plate, MAC2000P
18300090	Pan Switch Plate. MAC2000P
18300100	Door Switch bracket, MAC2000P
18300130	Bracket plate for micro switch
18340090	Plate for E-ballast, MAC 2000
18340100	Bracket for E-ballast, MAC 2000
18360130	Mains/DMX inlet plate, MAC2000P
18360150	MAC 2000 main spacerplate
18360161	Rail plate, PCB, MAC 2000 Performance
18360170	Mounting plate, PCB, 250W, SMPS
18360200	Plug, mounting plate, MAC 2000 Profile
18370000	Isolation clamp, transistor, MAC 2000 Wash
18400030	Opto encoder wheel, D=8,4 d=11.1
18400040	Adaptor for codewheel, base



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18820100	Heatzink, PCB, 250W, MAC 2000 Wash
19000090	3 leg corner, flight-case, large, cranked
19020050	Zoom/Focus bracket plate, MAC2000
19020080	Z-shaped bracket, Wire
19040040	Piano Hinge l=425 mm
19040060	Piano Hinge l=3500 mm.
19040100	Piano hinge, angled, 80x135x35, flightcase
19060090	Holder for axle, right2
19060100	Holder for axle, left2
19060110	Holder for axle M2000 Left
19060120	Holder for axle M2000 Right
19060190	Bracket for spring
19060200	Bracket, guide wheel
19060210	Safety bracket for axle
19060220	Bracket, teflon plate, left
19060230	Bracket, teflon plate, right
19200060	Steel handle with black rubber grip
19400060	Wheel, 100 mm, Blue Resilex P.
19440040	Rubber foot 25x15mm. Black
19800040	Plate airflow, MAC2000 Base
19800090	CMY/Dim Shield pl. MAC2000
19800130	Airtunnel chas. Head, MAC2000E
19800140	Fan heat shield, MAC 2000E
19800170	Air duct, bottom
19800180	Air duct f. module mounting
19800190	Air duct, top
19800200	Air block pl., zoom/focus
19800210	Air duct. plate, MAC 2000 Performance
20800070	Air filter, PPI-80C, MAC 2000
21040050	Plate Safetywire, Base MAC2000



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23003150	Yoke Topchassis, MAC2000
23003160	Basechassis, MAC2000
23003220	Lamp cover pl.MAC2000
23003230	Base fixplate 1, MAC2000
23003240	Lamp adj. plate 1, MAC2000
23003250	Lamp adj. plate 2, MAC2000
23003260	Lamp base pl. MAC2000
23003490	Shutter, framing, MAC 2000 Performance
23003740	Light shield, zoom/focus, D70
23004170	Base lid (A) w. print, MAC 2000 Perf. II
23004180	Base lid (B) w. print, MAC 2000 Perf. II
23201180	Yoke Profile, MAC2000 Painted
23400050	Plastic key for MAC 500 cover
23400520	Plastic gable base, MAC2000
23400530	Rubber sealed Handle for MAC2000 Base
23400540	Innercover for yoke, MAC2000
23400550	Plast Cover arm, yoke, MAC2000
23400560	Side shell, Head, MAC2000
23400580	Bracket, front lens, MAC 2000
23801390	Stiffening f. motorplate, base, MAC600, painted
23803510	Spacer f. gearwheel, base, MAC600, sortzink
23805030	Yoke Module plate, MAC2000P
23805040	Tilt stop pl. A MAC2000P
23805050	Tilt stop plate B, MAC 2000 Performance
23805060	Yoke, lockdish, MAC 2000 Performance
23805071	Yoke Tiltmotorbracket, MAC2000P
23805080	Yoke Bottom chassis, MAC2000P
23805090	Tilt Baseplate, MAC2000P
23805100	Yoke chassis reinfor. MAC2000P
23805110	Pan-lock plate



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23805120	Sandwich bottom. MAC2000P
23805130	Pan Motor Plate. MAC2000P
23805140	Motorplate pan, MAC2000P
23805150	Bridge for panlock. MAC2000P
23805172	Frame, chassis, sensor, MAC 2000
23805180	Sideframe pl A, Head MAC2000P
23805190	Sideframe pl B, Head MAC2000P
23805272	Plate, Y/CTC module, main
23805281	CM+Dim. Module plate, MAC2000
23805290	CMY Heat shield, MAC2000
23805400	Zoom focus module plate, MAC2000P
23805420	Focus module plate, MAC2000P
23805430	Zoom module plate, MAC2000P
23805460	Frontplate, Head MAC2000P
23805480	Lamp asmb. top cover MAC2000
23805490	Zoom/Focus Chassis pl. MAC2000
23805500	Zoom/Focus reinforce. pl. MAC2000
23805520	Focus Supportplate, MAC2000
23805530	Zoom Supportplate, MAC2000
23805540	Light shield, ignitor side, MAC2000
23805551	Light shield, f. con., PCB
23805560	Belt strap plate, MAC 2000 Performance
23805580	Rear plate, chassis, MAC 2000
23805590	Heatreflector motor cover MAC2000
23805681	Slide clip for effects MAC2000
23805920	CMY belt tension arm, elzink yellow
23806260	Zoom/focus air stop pl., MAC 2000
23806300	Lever, belt tension, MAC 2000 Perf.
23806310	Cont. belt tension, arm
23806321	Bracket, iris bearing, vers. 2



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23806330	Plate for pully/microswich
23806340	Plate, frame module
23806350	Plate, gobo/animation module
23806390	Plate, framing module, inner
23806440	Zoom/focus blind plate
23806540	Plate, wire guard, framing module
23806610	Plate, effect module, MAC 2000 Performance
23806620	Plate for iris tension spring
23806630	Cover, wire protection
23806770	Holder for iris, MAC 2000 Performance
23807310	Stop plate, PCB airgab, zoom module
23807830	Blindplate, sensor
26520460	Ceramic insulation plate, MAC 2000
26820110	Hook, MAC 2000 flightcase
26820130	Testslider, flightcase, MAC 2000 Series
26860580	Wheel plate, full size, flight case, MAC 2000 series
26880480	Spacer plate, extra lens, 2 x MAC 2000 flightcase
32020500	Rubber foot 3.6x12.7mm Black
32023004	Polyester tape, black, 20mm x 55M
32023008	Silicone expanded tape, 4.8x20
33001015	MAC2000 Keyboard overlay, 110x82 mm.
33001016	MAC2000 series label
33001018	Flightcase writing pad, 200x120mm
33002004	Alu foil selfadhesive, M2k Fan
33120042	Label, PCB connec., MAC 2000 Prof. II
33140013	Label Instructions 1/4 turn
33140017	Label Lens this way, for flightcase, MAC2000
33150005	Label Warning 1/4 turn, saftywire
33150006	Label safetywire
33150008	Warning Label B



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33160020	Label, connections, MAC 2000 Performance
33170001	Label MAC600 Electronic Ballast, Cardboard box
33190009	Label Front
33190021	Label, ground, black on yellow, D=10
33250003	Logoplate, flightcase, MAC 2000
33300501	Felt pad for mek. stop
34100007	Sparepart box 2, 185x145x76
34100016	Cardboard box, animation Wheel
34151021	Foam 9, 2x Mac2000
34151027	Foam 3, 2x Mac2000
34151028	Foam 11, 2x Mac2000
34151030	Foam 1, 2x Mac2000
34151031	Foam 6, 2x Mac2000
34151032	Foam 4, 2x Mac2000
34151059	Foam 8, 2x Mac2000
34151101	Foam 9, 2 x MAC 2000 Series
34151102	Foam 10, 2 x MAC 2000 Series
34151103	Foam 7, 2 x MAC 2000 Series
34151104	Foam 5, 2 x MAC 2000 Series
34151105	Foam 2, LH, 2 x MAC 2000 Series
34151106	Foam 2, RH, 2 x MAC 2000 Series
34151107	Foam 12, 2 x MAC 2000 Series
34151108	Foam 14, 2 x MAC 2000 Series
34157000	Profile foam, cut f. PCB box, 185x145mm
34240001	Plast bag, 90x180
34240016	Plast bag, 60x80, fuse
34240017	Plast bag, 60x80, f. fuse, EU 200-250V
34240018	Plasticbag (A4)220x310+40x0,04
34241004	Antistatic plastbag, 152x254mm, resealable
35000103	User manual, MAC 2000 Performance



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37000201	Sikaflex 521, clear, 90°C
37000203	Loctite 406, 20 g
37000207	Loctite 454 Gel
37000401	UV-glue, 150°C, 25 ml
37000402	Loctite 480, 20 g, black
37000403	UV glue 180°C, 25 ml
37001001	Silicone glue, mediumtemp. (250°C), black
37001201	Silicon glue, hightemp. (250°C), red
37020001	Loctite 290, 250 ml
37021001	Loctite 243 250 ml.
37021002	Loctite 243, 10 ml
37302002	Silicon grease, clear, 100g
37302008	Molykote D, grease
37305002	CERAMO spray, max. 1400°C
41002070	Reflector, D=126, d=118, coated
41102026	Heat filter, 94x47x2mm
41202042	Lensgroup 1, front lens, MAC 2000
41202044	Lensgroup 2, zoom lens, MAC 2000
41202046	Lensgroup 3, focus lens, MAC 2000
41202048	Lens, D=60, additional, multicoated
41300020	Prism, D=47, 9 facets
41500030	Iris 67 mm, tap inside
41600034	MAC2000 frost glass
41600039	Diffuser filter reflo 43x50x2mm
41700022	D=60x2, Mirograd Magic
43036004	Flames 1, painted gobo, E-size
43036005	Water 4, gobo, E-size, painted
43036006	Linear 6, gobo, E-size, painted
43036007	Cloud 12, painted gobo, E size
43036008	Realistic star, painted gobo, E-size



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43036009	Dot breakup, gobo, E-size, painted
43045016	Soft Breakup, gobo, E-size
55205021	MAC2000 Display PCB module
55205022	MAC2000 Mains/DMX inlet module
55205047	MAC2000P Front module
55205095	MAC2000 Perf., head (L), side chassis
55205096	MAC2000 Perf., head (R), side chassis
55205404	Gobo/frame/module, MAC 2000 Performance
55205430	Extra gobos, MAC 2000 Perf.
55205452	Zoom/focus/effect module, MAC 2000 Perf. II
55205474	Mounting plate, w/spades for SMPS
55205475	Head lid module w. seal, MAC 2000 Perf.
55205478	E-ballast module, MAC 2000 Wash
55205479	Base profile w rub., MAC 2000 Series
55205481	Pan module asmb., MAC 2000 Wash
55205605	CMY+C/dimmer, MAC 2000 Prof. II
56500012	Telescope mounted on plate
62000073	PCB, main, MAC 2000 Performance/II
62000502	PCB MAC 2000, display/keyboard, programmed CPU
62002504	PCB, SMPS piggyback board, MAC 2000
62003013	PCB NTC thermistor, mounted
62003015	PCB, duo opticcil sensor, 5mm gap
62003017	PCB Hall sensor MAC2000 Performance
62003019	PCB Hall sensor MAC2000 Performance
62003020	PCB Hall sensor, New
62003021	PCB Lightsensor New, mounted
62003022	PCB Temp.sensor
62003023	PCB Hall sensor, short version
62004510	PCB connector, 1x6pol+4x3pol
62004520	PCB connector, 3x(1x4pol), mix serie



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62004554	PCB, 3 and 5 pin XLR, m/f , mounted
62004571	PCB connector, yoke, MAC 2000 Performance
62004572	PCB connector, 10x4pol+2x3, no print
62004573	PCB connector, 8x4pol+4x3, no print
62004574	PCB connector, 12x4pol, no print
62004575	PCB connector, 10x4pol+2x3, printet
62004576	PCB connector, 8x4pol+4x3, printet
62004577	PCB connector, 12x4pol, printet
62004578	PCB connector, 8x4pol+2x2, no print
62004579	PCB connector, 8x4+2x3+2x6P, no print
62004580	PCB connector, 8x4+2x2pol, printet
62004581	PCB connector, 8x4+2x3+2x6P, printet
62004584	PCB connector, 1x6pol+4x3pol, printed ;31;
62004594	PCB connector, 2x4pol, no print
62004595	PCB connector, 2x4pol, printed
62006012	Mains filter, 1200W
62011510	PCB, 250W PSU, SW mode, asmb.
62104063	180uF, 63V, elektrolyt, 3.5mm, cut
62203226	Wire, zoom/focus switches, MAC 2000
62203237	Wire for XLR
62203248	MAC 2000E, Wireset 1, base
62203269	Wire, doorswitch, MAC 2000 Perf.
62203590	Wireset 2, base, MAC 2000 Wash
62205159	Wire, stepmotor, JSE 3Ph, 280mm w. plug
62205160	Wire stepmotor JSE 500mm w. plug
62205177	Wire stepmotor JSE 280mm w. plug
62205200	Wire stepmotor JSE; 21; 700mm
62205201	Wire stepmotor NMB ;22; 200mm
62205202	Wire stepmotor, JSE ; 11; 100mm
62205203	Wire stepmotor, NMB ;12; 270mm



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62205204	Wire stepmotor, NMB ;1; 130mm
62205205	Stepmotor, NMB, 160mm wire w. plug "13"
62205206	Stepmotor, NMB, 120mm wire, w. plug "2"
62222020	Fan 12V DC 3` with plug 350mm wire
62222030	Fan 12V/DC ADDA 4" w.plug 30cm
62222038	Fan 12V DC 3` with plug 350mm wire
62228009	Starter w/plug, MAC 2000E
62243073	6x0.14#,2 fem.1000mm,;25;
62320230	Shield plate for belt guide, painted
62323015	Heat filter, module MAC2000P
62324013	Dimmer plate, L/R, w/ adapter, MAC 2000
62325024	Gobowheel w. magnet, no bearings, M2000P
62326050	Belt guide for iris glued
62329008	9 facet prism in adaptor, MAC 2000 Performance
62329009	Cyan CMY, X-mark, MAC 2000
62329010	Cyan CMY, Y-mark, MAC 2000
62329011	Mag. CMY, X-mark, MAC 2000
62329012	Mag. CMY, Y-mark, MAC 2000
62329013	Yel CMY, X-mark, MAC 2000
62329014	Yel CMY, Y-mark, MAC 2000
62329015	CTC CMY, X-mark, MAC 2000
62329016	CTC CMY, Y-mark, MAC 2000
62332065	Step up zoom, MAC 2000
62334021	Guide block, large, with felt
62334027	Air duct with diff. filter
62334041	Plastwheel w. tunnel glued, M2k
62400103	Timingwheel MXL, 20tooth, w. flanges
62400104	Steelwire, head, MAC600
62400163	Timingwh. #2 20tooth, Mac600NT
62400166	Safetywire, front module, MAC 2000
62400211	Animation Radial Breakup wheel with magnet
62400213	Animation Cloud Breakup wheel with magnet



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- 62400214 Animation Dot Breakup wheel with magnet
- 62400215 Animation Tangential Breakup wheel with magnet
- 62400216 Animation Spiral Breakup wheel with magnet
- 62400217 Index gear w. magnet, MAC 2000 Performance
- 62400230 Gobo/animation w. aperture plate
- 62400234 Index gear guide, MAC 2000
- 62400250 M4x8 with 2x2x2mm magnet glued on
- 62400253 Effect wheel, MAC 2000 Performance
- 62400254 Timing wheel with axle and adaptor
- 62406007 Spring for Gobowheel, Painted
- 62420010 MAC2000P Air vent module
- 62420030 Timing belt, 230T80, Heated
- 91510011 Flight case, 2* MAC2000 Profile/Wash
- 91602001 Omega bracket, new w. 1/4-turn
- 97010304 Lamp HMI 1200 W/S, Double ended