

Spare Parts List of Martin Mac 300

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02005106	C165 CMOS 16 bit processor 25MHz
02005411	Single Chip Controller 89C2051 ,SMD
02034504	93C66 EEPROM SMD
02035522	28F400, 256Kx16 flash PROM, PSOP 44
02050106	74 HCT 132 Quad Nand Schmitt trig, SMD
02050108	74 HCT 138 3 TO 8 DECODER ,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
02105203	78M05 5V/0.5A Voltage Stab , SMD
02105250	LM317L, 100mA voltage reg.,SMD
02105605	LM2596S -5.0 ,3A SMPS Regulator , SMD
02120351	Dual D/A Microstep controller, PBM 3962
02121002	Dual Microstep Driver, PBL 3772N, DIP
02121005	Dual Microstep Driver, PBL 3775N, DIP
02121010	ULN2803A stepmotor driver, standard
02121601	ADM 706 AR, supervisory circuit, SMD
02121805	75C176 BiCMOS RS485 Transceiver SMD
02123001	Hall Sensor
02123201	TSL235 Light to frequency converter
02200002	6N137 Opto photo IC
02200500	TLP131, opto photo transistor, SMD
02202002	Photo interrupter, 5mm PCB type
02301201	BC 857B , SMD (BC557)
04020328	2.2 nF 250V Y2 film capacitor
04020352	220nF, X2, 250V film capacitor
04030078	35uF, 250V, 500mm wire
04040244	470uF, 25V, electrolytic, radial
04040340	220uF, 35V, electrolytic, radial
04040553	2200uF, 50V, electrolytic, radial, h=25mm
04050144	4.7nF, 50V, ceramic, SMD
04050148	10nF, 50V, ceramic, SMD
04050160	100nF, 50V, ceramic, SMD
04050168	470nF, 50V, ceramic, SMD
04050216	22pF, 63V, ceramic, SMD
04050217	27pF, 63V, ceramic, SMD
04050232	470pF, 50V, ceramic, SMD
04051136	1nF, 50V, ceramic, SMD 0603
04051160	100nF, 16V, ceramic, SMD 0603
04082116	2.2uF, 16V, tantalium, SMD

04150000	0 Ohm Resistor
04150700	1M0 Ohm Resistor
04170000	0 OHM RESISTOR, SMD
04170200	10 Ohm, resistor, SMD
04170316	150 Ohm resistor, SMD
04170324	180 Ohm resistor, SMD
04170340	270 Ohm resistor, SMD, 1206
04170356	390 Ohm resistor, SMD, 1206
04170372	560 Ohm resistor, SMD, 1206
04170400	1K Ohm resistor, SMD, 1206
04170416	1K5 Ohm resistor, SMD, 1206
04170432	2K2 Ohm resistor, SMD, 1206
04170464	4K7 OHM RESISTOR, SMD
04170500	10K OHM RESISTOR, SMD
04170632	220K OHM RESISTOR, SMD
04170640	270K OHM RESISTOR, SMD
04170700	1M0 OHM RESISTOR, SMD
04171116	1.5 OHM RESISTOR, SMD 0.25W
04171132	2.2 OHM RESISTOR, SMD 0.25W
04171348	330 OHM RESISTOR, 1% ,SMD
04171372	560 OHM RESISTOR, 1% ,SMD
04171388	820 OHM RESISTOR, 1% ,SMD
04171540	27K OHM RESISTOR, 1% ,SMD
04171700	1M OHM RESISTOR, 1% ,SMD
04176440	2K7 OHM RESISTOR, 1% 1/10W, SMD 0603
04176472	5K6 OHM RESISTOR, 1% 1/10W, 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
04176532	22K OHM RESISTOR, 1% 1/10W, SMD 0603
04176564	47K OHM RESISTOR, 1% 1/10W, SMD 0603
04190203	10K Ohm 1.6 Watt Resistor
04190303	100 Ohm 2 Watt Resistor
04251002	1K Ohm NTC thermistor 5%
04300003	1N 5822 Diode Schottky 40V/3A
04301001	BAS32L-115 (1N4148) , SMD
04301003	BYD77B-115 1.8A ,100V, 100nS , SMD
04302003	Diode bridge, PBU603
04303001	Diode bridge, DF04S
04307002	6V8, diode transil
04307004	Diode transil, 10V
04307008	Diode transil, 27V
04307010	Diode transil, 33V
04310003	LED 3mm Green
04310004	LED 3mm Red
04312011	LED 14 segment 13.8mm, RED
04350012	X-tal 12MHz

04350013	X-tal 12MHz low profile
04350018	X-tal 24MHz
04350101	Spacer isolation for X-tal
04400001	Coil SMPS 68uH , 1.5A
04400403	Choke 2x470uH, 4.5A, noise sup.
04401102	Magnet 2x2x2 mm
04520000	Step-up 225V,MSD 250, 10,5V/18VA, 24V/85VA, 11V/1VA
04540010	Ballast, 250W, 210/60Hz, 225/60Hz, 225/50Hz
05000001	Relay, 12V, 16A, single, high current
05020004	Fuse 0.315 AT
05020016	Fuse 4 AT
05020018	Fuse 5 AT
05020020	Fuse 6.3 AT
05030001	Fuse holder PCB, plastic support
05040012	165` Thermostat Open
05120014	Socket-IC 22 pin , 4 modules ,tulip
05120701	Jumper, 2 pole, 2.54mm spacing
05123001	XLR female 3-pin chassis, PCB, angle, gold
05143001	XLR male 3-pin chassis, PCB, angle, gold
05144002	Header 2 pole 2.54mm PCB
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
05144016	Header 6 pole 5.0mm molex PCB
05144060	Header, 40 pole, PCB sil
05144070	Header, 6 pole sil , extension
05144103	Header 3 pole, angle 2.54mm, PCB
05144110	Header, 4P, ang., 2.54mm, PCB (2511)
05144403	Plug 20 pole PCB dual in line
05149001	Spade plug 6.3mm male , PCB
05220501	Connector terminals, plastic, 2.5#
05221205	Socket, halogen lamp, GY9.5, 400mm wire
05247202	AC socket, IEC, chassis mount, w/o fuse holder
05247204	Fuse holder for P/N 05247202
05323512	Plug MTA female angle, wire, 2 pole, blue, 0.12-0.14#
05323514	Plug, MTA female, angle, wire, 4 pole, yellow, 0.12-0.14#
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#
05323524	Plug, female angle, wire, 4 pole, natural, 0.20-0.22#
05324214	Crimp term housing, 4 pole, 5.0
05324226	Crimp terminal house, 6 pole
05328203	Cable plug, 2.8mm, female, single, faston
05328405	Cable plug, 6.3 mm female, single, faston, insolated

05501201	Tact Switch SMD h = 9.5mm
05520503	Micro switch, 5A, 250VAC
05701202	Stepmotor, 14PM-M204, wire 1100mm, 12mm shaft Stepmotor, NMB, standard small, wire 1100mm, 22mm shaft
05701602	Stepmotor, standard small, wire 1100mm, 12mm shaft
05701603	Stepmotor, standard small, wire 1100mm, 12mm shaft
05701802	Stepmotor micro HP LN, w/o wire
05741003	Fan 12V DC Brushless 2.25"
05741004	Fan 12V DC High Speed 2.25"
05749004	Guard for fan 2.25"
06020005	Starter 200W serial
08010402	M2x3 screw, Phillips, ph
08050408	M3x20 screw, Phillips, ph, black
08050706	M3x12 screw, Torx 10, ph, black
08050802	M3x6 screw, Torx, cs, black
08051201	M3x6 screw, Allen, black
08052601	M3 hex nut, black
08052701	M3 hex lock nut
08053806	M3x7 stand off, m/f, black
08053814	M3x20 stand off, m/f, black
08053825	M3x35 stand off, f/f, black
08054401	M3 lock washer, black
08070401	M4x6 screw, Phillips, black
08070402	M4x10 screw, Phillips
08070404	M4x12 screw, Phillips, ph, black
08070408	M4x20 screw, Phillips, ph, black
08070414	M4x50 screw, Phillips, ph, black
08070501	M4x10 taptite, Phillips, cs, black
08070502	M4x12 screw, Phillips, cs, black
08070701	M4x10 taptite, Torx, ph, black, Paint cut
08071002	M4x10 hex cap screw, black
08071204	M4x50 screw, Allen, black
08071301	M4x10 screw, Allen, cs, black
08071501	M4x5 set screw
08072601	M4 hex nut, black
08072603	M4 hex nut, black
08072701	M4 hex lock nut, PA-insert
08073001	M4 square nut, 4x4x2.7
08073601	M4 blind rivet nut, cs
08073603	M4 blind rivet nut
08073802	M4x8 stand off, m/f
08073807	M4x16 stand off, f/f, black
08074301	M4 Washer, black
08074302	M4 Washer, 4.3x14x0.8, black
08074401	M4 lock washer, black
08091001	M5x12 hex cap screw, taptite, black
08091202	M5x16 screw, Allen, black

08111202	M6x12 screw, Allen, black
08111206	M6x25 screw, Allen, black
08112701	M6 hex lock nut, PA-insert
08114304	M6 washer for pan-stop
08131201	M8x16 screw, Allen
08133604	M8 bind rivet nut, cs, Al
08190101	2.9x4.5 self-tap, Phillips
08190102	2.9x6.3 self-tap, Phillips, ph
08190104	2.9x9.5 self-tap, Phillips, ph, black
08190105	2.9x16 self-tap, Phillips, ph
08190301	3.9x9.5 self-tap, Phillips, ph, black
08190401	4.2x8 self-tap, Phillips, ph, black
08190404	4.2x13 Self-tap, Torx, black
08200102	2.9x6.5 Plastite, ph, black
08200103	2.9x9.5 Plastite, ph
08200106	4x8 eco-syn, ph, black
08200107	5x12 Plastite, ph, black
08220102	3.2 x 7.5 mm Rivet Alu.
08220103	3.2mm x 8 Rivet Black
08220104	3.2 x 9 mm Rivet Alu.
08220108	3.2x9,5 Pop Rivet UH St.St.
08220701	Cable Spade/rivet 6.3 x 0.8
08222002	Cylinder Pin \varnothing 6 x 100 mm
08230104	Retaining ring, 25mm shaft
	1/4 turn fastener 4mm, stud with slot, black 314-120-191
08240101	
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
08240116	Cap for fastener pedestal
08261305	3/16 Washer black d=5.3 D=10
11040516	Wire, yellow/green, 1x0.75#, 20cm
11040520	Wire, yellow/green, 1x0.75#, 11cm
11040524	Wire, yellow/green, 1x0.75#, 19cm
11040525	Wire, yellow/green, 1x0.75#, 11cm
11041010	Wire, brown, 1x0.75#, 37cm
11041019	Wire, brown, 1x0.75#, 28cm
11041024	Wire, brown, 1x0.75#, 18cm
11041517	Wire, blue, 1x0.75#, 30cm
11041532	Wire, blue, 1x0.75#, 18cm
11041542	Wire, blue, 1x0.75#, 18cm
11042007	Wire, red, 1x0.75#, 39cm
11042502	Wire, black, 1x0.75#, 28cm
11042516	Wire, black, 1x0.75#, 34cm

11043003	Wire, grey, 1x0.75#, 34cm
11043502	Wire, purple, 1x0.75#, 28cm
11221501	Wire, blue, 1x0.5#, 72cm, LIFY
11222001	Wire, red, 1x0.5#, 72cm, LIFY
11222501	Wire, black, 1x0.5#, 72cm, LIFY
11230502	Wire, yellow/green, 1x0.75#UL, 72cm, LIFY
11231001	Wire, brown, 1x0.75#UL, 84cm, LIFY
11231502	Wire, blue, 1x0.75#UL, 69cm, LIFY
11232501	Wire, black, 1x0.75#UL, 67cm, LIFY
11233001	Wire, grey, 1x0.75#UL, 60cm, LIFY
11233501	Wire, purple, 1x0.75#UL, 60cm, LIFY
11234001	Wire, orange, 1x0.75#UL, 60cm, LIFY
11320501	Wire, yellow/green, 1x0.75#UL, 30cm, SIFF
11321502	Wire, blue, 1x0.75#UL, 25cm, SIFF
11322001	Wire, red, 1x0.75#UL, 70cm, LIFY
11322502	Wire, black, 1x0.75#UL, 25cm, SIFF
11421503	Wire, blue, 1x0.75#UL, 17cm, SIFF
11501013	Mains cable I.E.C. 3pin , 3 m
11602004	Wire for stepmotor, 46.5cm, 4 wire, NMB
11602005	Wire for stepmotor, 58.5cm, 4 wire, NMB
11603004	Wire for stepmotor, 70cm, 4 wire, NMB, HP, LN, 125°
11603006	Wire for stepmotor, 73cm, 4 wire, NMB
11604001	Wire for stepmotor, 110cm, 6 wire
11700003	Wireset 4x0.14# ,2 fem. plugs, black
11700004	Wireset 4x0.14# ,2 fem. plugs, black
11700009	Wireset 4x0.14# 2 fem. plugs, black 1300mm
11720001	Wireset 6x0.14# ,2 fem. plugs, black, 1000mm
11720003	Wireset 6x0.14# 2 fem. plugs, black 820mm
11820008	XLR cable 5m black 3P male-3P female
11860069	Wire for fan, 300mm, MAC 250/300
13104000	Strap, black , high temp, 2.5x98mm
13104002	Strap support for 2.5mm strap, self adhesive
13104003	Strap, black, 3.6x140mm
13104020	Strap, auto, high-temp., 2.5x103mm
13200000	5/9/12mm Rubber nibble pla
13200006	ø 5.5/9/12mm Rubber nipple plate 3.0
13300000	Wire ID mrk. F (frequency)
13300001	Wire ID mrk. V (voltage)
13301001	Cable protection pipe for 1,0#
14002401	Voltage isolation , DMD , 0.45mm
14026005	silicone tube d=5 D=9
14026013	silicone tube d=3 D=7
14104001	Rubber List, U-Profile
15800000	Sleeve flexible ,hose 5mm, black
15802001	Silicon/glas sleeve d=4mm ,black
15802003	Silicon/glass sleeve, d=7mm, black
16000020	Plastic toothwheel, S3M-134

16000060	Timing pulley, S3M, Z=16, l=17mm
16040050	Timing belt, supertorque MBL, l=486
16040090	Timing belt, 3S564
16300080	Adaptor for colorwheel, MAC 500, degreased
16300140	Adaptor w. 5mm hole, PRO 218, degreased
16760050	Ball bearing, D=47, d=25, t=12
16760090	Ball bearing, 6005 ZZN, D=47, d=25, b=12
16900051	Bearing adaptor, Yoke M250 degreased
16900060	Shaft for pan, base, MAC600, burnished
16920070	Casing for pan, base, MAC600, HT-painted
16920170	Yoke Distanceplate, MAC2000P
16920210	Plate for bearing, Yoke M2000
17000250	Pl. for color wheel, MAC300
17000260	Spacer for color wheel, MAC300
17060090	Arm for frost, Head M300
17200520	Lens bracket, head MAC300
17200530	Plate for lens module, head, MAC300
17260150	Heatfilter bracket, MAC 300
17720040	Spring D=10 l=48 d=1.25
17740020	Tension spring, D=10, d=1x25
17780030	Spring, base, MAC600, drilled
17780070	Spring for repl. Colors M300
17800020	Spacer, d=4, ø6x5.5
17820030	Spacer plate, Yoke M250 punched
18000210	Mek. stop for 1220 CMY dimmer, burnished
18020200	Mechanical stop, base, MAC 600
18220080	Sensor bracket, head M300
18240040	Plate for display, M250 Punched
18280040	Fanbracket, Head M300
18300060	Plate for switch, MAC250
18360010	Plate for power plug, M250 Punched
18400030	Opto encoder wheel, D=8,4 d=11.1
18400040	Adaptor for codewheel, base
18800060	Heat sink for MAC 250 PCB, bent
19600041	Counterbalance, Head MAC 300
20200010	Cover plate for socket, Head M250 punched
20200071	Radiator core, Head M250 seriegraphy
20200081	Spacerplate for socket, Head M250 burred
20800010	Foam for plastic yokecover, mac250/300
20800020	Foam for plastic yokecover, 3mm,
21000040	Omega bracket for M250, burred
23000180	Bottom Chassis M250, silkprinted
23001281	Topplate base, M250 painted
23001300	Bracket, Yoke M250 painted
23001320	Bottom plate, Yoke M250 painted
23001331	Yoke chassis MAC250, painted
23400210	Plastic shells for base, MAC250

23400220	Plastic rear end shell for head, MAC250
23400250	Plastic handel for base, MAC250
23400260	Plastic front end shell for head, MAC300
23800251	Pan frame, MAC 250, burred
23801390	Stiffening f. motorplate, base, MAC600, painted
23801530	Pan motor plate M250, painted
23801540	Fan guard plate, Base M250 painted
23801550	Plate for motor, Yoke M250 painted
23803510	Spacer f. gearwheel, base, MAC600, sortzink
23803651	Plate, tilt module, yoke, MAC 250
23803662	Plate for PCB, yoke
23804140	CMY moduleplate, M300
23804150	CMY moduleplate 2, Head M300
23804160	Plate for dimmer module, M300
23804170	Reflektorshield, Head M300
23804180	Motor shield, Head M300
23804190	Plate for reflector, Head M300
23804200	Anti reflection shield,Head M300
23804210	Chassis frame, Head M300
23804300	Plate for lampsocket, Head M250 mounted
23806030	CMY dust guard for MAC 300
32023001	Closed cell expanded rubber 3.5 x 5 mm
33001001	MAC 500/600, Keyboard Overlay
33120017	Label, PCB connections, MAC250/300
33160010	Label Trafo wire connections MAC250
33300500	Felt pad \varnothing 7.5mm x 0.7
34000035	Cardboard box MAC250
34100501	Cardboard inlay MAC600
34204002	MAC250 Polystyren packing
34240006	PLAST BAG,600x850mm,Spandepose
34240018	Plasticbag (A4)220x310+40x0,04
35000075	User manual, MAC 300
37000205	Loctite 401 20 gr.
37000401	UV-glue, 150°C, 25 ml
37000402	Loctite 480, 20 g, black
37000801	Silicon glue clear, low temp. (220-250 \varnothing C)
37001001	Silicone glue, mediumtemp. (250°C), black
37001201	Silicon glue, hightemp. (250°C), red
37021001	Loctite 243 250 ml.
37302008	Molykote D, grease
37305002	CERAMO spray, max. 1400°C
41002055	Ellipsodial reflector D=98 MAC300
41102026	Heat filter, 94x47x2mm
41102036	47x47x2 Heat reflection filter
41204022	Lens, Fresnel, D=150
41600016	Diffusions filter \varnothing 45, Mac250 , watercut
41600024	\varnothing 65x2mm. Sandblown float glass

46404313	Pink 312, MAC 500 shape
46404316	Dichr. red 308, Trap (22.8;52,4)x38
46404320	Dichr. blue 108, Trap (22.8;52,4)x38
46404344	Dichr. UV-transmitter, Trap (22.8;52,4)x38
46404345	Dichr. CTC 5500-2900K V2, Trap (22.8;52,4)x38
46404348	Green 206 iad, MAC 500 shape
55225036	Plastic cover for yoke, MAC250 , with foam glued
55225039	Topplate 1, Mac250 assm.
55225041	Topplate 2, Mac250 assm.
55225103	Mac300 Plastfront Asmb
55225106	MAC300, Reflector module
55225107	MAC300,CMY/color module, complete
55225113	MAC300, Frontlens module
55225114	MAC300, Fan module, head
62000054	PCB MAC 300 ASMB Tested/Programmed
62000502	PCB MAC 2000, display/keyboard, programmed CPU
62003001	PCB, lightsensor, mounted
62003009	PCB Hall sensor MAC250
62003015	PCB, duo opticcil sensor, 5mm gap
62004510	PCB connector, 1x6pol+4x3pol
62004518	PCB 3pin XLR (narrow) male/female , mounted
62004520	PCB connector, 3x(1x4pol), mix serie
62004524	PCB connector, 3x(1x6pol), printed (Sensor)
62004530	*PCB Connector 3x(1x4pol) mix serie, printed (DIM)
62006007	Mains filter, 4.5A stepup
62122017	CPU Prg. Opto Feed-back ,Mac250/500/600 Ver. 1.0
62203001	Wire for micro-switches, MAC 250
62203004	Wire for optical sensor, OPTO 2, MAC 250
62203007	Wire for Lightsensor (LS 1) , MAC 250 (370mm)
62203020	Wireset for MAC 250 XLR-print 2x4pol 5mm molex
62203044	MAC250, Wireset, Base-arm
62203159	Wireset yoke, mac250
62203163	Wire for hall sensors, MAC300,;SENSOR1; (6pol-2x3pol)
62203164	Wire for hall sensors, MAC300
62203165	Wire for hall sensor, MAC 300, 290mm
62203241	MAC300, Wireset, Head, 0.14#
62203245	Wire for FAN 0,14#,MAC 250 , (700mm)
62203246	#Wire for Display,0,14# MAC 250
62205118	Stepmotor wire (to 339035) w. plug, 250mm wire
62205127	Wire, NMB-LC stepmotor, 130mm
62205128	Wire stepmotor Micro, DIM2, NMB 400mm
62222013	Fan 12V DC 2.25` with plug 80mm wire
62222033	Fan 2.25" w. plug, 60mm wire w. flex Socket halogen lamp GY9,5 , 260mm,220mm with plug,
62224012	Stepm.wire,585mm (Pan)
62242061	Wireset 6x0.14#,2 fem.,1000mm,OPTO 1
62243054	

62248017	Wire stepmotor 4 wire 465mm 0,14# ;FROST;
62248018	Wire stepmotor 4 wire 465mm 0,14# ;FROST;
62248019	Wire stepmotor 4 wire 730mm 0,14# ;CYAN;
62248020	Wire stepmotor 4 wire 465mm 0,14# ;MAG;
62248021	Wire stepmotor 4 wire 465mm 0,14# ;YEL;
62322005	Lamp socket GY9.5, glued
62323013	Shield w diffusion filter MAC 300
62326022	Yellow wheel CMY MAC 300
62326023	Magenta wheel CMY MAC 300
62326024	Cyan wheel CMY MAC 300
62331001	Frostflag glued w. frostglass
62334002	Timing pulley l=17mm, with tacho-wheel, Tilt
91602000	Omega bracket, M250-300. 1/4-turn



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