MS653 Bill of Materials

Manufacturer	MAXCOM S.A., ul. Towarowa 23a, 43-100 Tychy, Poland
Model / Brand	MS653 / MAXCOM
Product	4G smartphone
Hardware version	L6213-MB-V1.0
BOM date / revision	2026-08-24 / Rev. 1.1 (2026-11-04)

No.	Category	Material name	Material code	Specification / description	Unit	Qty per unit
1	**Electronic Components**	Main Board	LZT-PCBA-T60-L6213	L6213-MB-V1.0-C, MT6765, 4+64, frequency bands GSM: 850/900/1800/1900, W: 1/8 (900/2100), FDD: 1/3/7/8/20/28AB, TDD: B38	PCS	1
2	**Electronic Components**	LCD Module	LZT-MLCD-T605-GC7272	6.5-inch in-cell, silkscreen 065LD1053-FPC-B, GC7272CA	PCS	1
3	**Electronic Components**	Front Camera	LZT-CAM-T605-5E31	Front Camera, YM-L503-5E31, 5MP, 5E31	PCS	1
4	**Electronic Components**	Rear Camera	LZT-CAM-T605-IMX135	Rear Camera, YM-L503-135A, 13MP, IMX135	PCS	1
5	**Electronic Components**	Speaker	LZT-SPK-T605-MQY	1217 BOX Speaker, power 1W, FPC contact connection	PCS	1
6	**Electronic Components**	Vibration Motor	LZT-MOT-T605-0827	0827 motor, FPC contact type, dimensions: 0827, 0.5 mm foam	PCS	1
7	**Electronic Components**	Main Antenna	LZT-GSM-T605-001	Black FPC, GSM: 4 bands, WCDMA: B1/B8, FDD: B1/3/7/8/20, TDD: B38, silkscreen: T605-LTE-V4.0	PCS	1
8	**Electronic Components**	GPS / Wi-Fi / BT Antenna	LZT-GFB-T605-001	Black FPC silkscreen: T605-GWB-V2.0	PCS	1
9	**Electronic Components**	Diversity Antenna	LZT-DIV-T605-001	Black FPC silkscreen: T605-DIV-V2.0	PCS	1
10	**Electronic Components**	Coaxial Cable	LZT-TZX-T605-001	4th-generation coaxial cable connector, length: 135 mm coaxial cable	PCS	1
11	**Electronic Components**	USB Sub-board	LZT-SUB-PCBA-T605-L503	0.6 mm-thick sub-board, silkscreen: L503(T605)-SUB-V1.0, SMD silicon microphone, European configuration	PCS	1
12	**Electronic Components**	Main FPC	LZT-MFPC-T605	39-pin gold fingers on both sides, with conductive backing adhesive, silkscreen: L503(T605)-MFPC-V1.0	PCS	1
13	**Electronic Components**	Side Key FPC	LZT-PWR&VOLKE Y FPC-T605	6-pin gold fingers, with 3 DOME pieces, silkscreen: L503(T605)_PWR&VOLKEY_V1.0	PCS	1
14	**Electronic Components**	SOS Key FPC	LZT-SOSKEY FPC-T605	Soldered type, with 1 DOME piece, silkscreen: L6213(T605)_SOSKEY_V1.	PCS	1
15	**Electronic Components**	Light / Proximity Sensor FPC	LZT-P-sensor FPC-T605	6-pin gold fingers, with light sensor, silkscreen: L6213_P-sensor_V1.0	PCS	1
16	**Electronic Components**	Main Key FPC	LZT-TOPKEY FPC-T605	6-pin gold fingers, with 3 DOME pieces, silkscreen: L503(T605)_TOPKEY_V1.0	PCS	1
17	**Electronic Components**	Receiver (earpiece)	LZT-REC-T605-0809-15	0809 wired receiver, wire length 15.0 mm, component height 2.5 mm, front side with 0.35 mm double-sided adhesive foam	PCS	1
18	**Structural Parts**	Front Housing	LZT-AH-T605-BK	Black rubberized paint: PC + fiberglass + metal inserts	PCS	1
19	**Structural Parts**	Middle Housing	LZT-BH-T605-BK	Black matte finish: PC + fiberglass, heat-staked side key	PCS	1
20	**Structural Parts**	Battery Cover	LZT-CH-T605-BK	Black rubberized paint: PC + fiberglass	PCS	1
21	**Structural Parts**	Key / Button	LZT-MK-T605-KEY-HEB	P+R Key, laser engraving with translucent white characters	PCS	1
22	**Structural Parts**	Side Key	LZT-SK-T605-KEY	P+R Key, black matte finish	PCS	1
23	**Structural Parts**	SOS Key	LZT-SOSK-T605-KEY	P+R Key, black matte finish	PCS	1
24	**Structural Parts**	Charging Dock	LZT-ZC-T605	Black material, spark texture, PC+ABS	PCS	1
25	**Structural Parts**	Rear Camera Lens	LZT-CL-T605	Black PC lens, dimensions: diameter 11.8 mm, thickness: 1.2 mm	PCS	1

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26	**Structural Parts**	Leather Set	LZT-PT-T605	PET transparent material, Complete Unit leather set	PCS	1
27	**Structural Parts**	Light Sensor Set	LZT-JS-T605-01	Material: silicone adhesive, light sensor set with black silicone adhesive	PCS	1
28	**Structural Parts**	Flash Cover	LZT-LED-T605-M	Injection moulding, natural transparent PMMA, outer rear etched texture	PCS	1
29	**Structural Parts**	Light Guide	LZT-DGZ-T605-M	Injection moulding, natural transparent PMMA	PCS	1
30	**Structural Parts**	SOS Decorative Piece	LZT-ZSJ-T605	CNC process, electroplating bronze color	PCS	1
31	**Structural Parts**	USB Port Silicone Gasket	LZT-JS-T605-02	USB Type-C port gasket, black silicone	PCS	1
32	**Structural Parts**	Rear Camera Decorative Mirror	LZT-CLZ-T605	Black PC lens, dimensions: 60.74*36.78 mm, thickness: 0.8 mm	PCS	1
33	**Structural Parts**	Main Board Screw	LZT-CM14-H25-BK-TTS	Machine screw: CM1.4*2.5 (thread length 2.5 mm), black, flat head and flat end	PCS	6
34	**Structural Parts**	Housing Screw	LZT-CM14-H35-BK-TTS	Machine screw: CM1.4*3.5 (thread length 3.5 mm), black, flat head and flat end	PCS	19
35	**Auxiliary Materials**	Decorative Piece Mirror Back Adhesive	LZT-T605-FL-001	JC-6945 backing adhesive, dimensions 60.6*36.6 mm	PCS	1
36	**Auxiliary Materials**	Flash Cover Back Adhesive	LZT-T605-FL-002	3M200 backing adhesive, dimensions D6.8*5	PCS	1
37	**Auxiliary Materials**	Aluminum Decorative Piece Back Adhesive	LZT-T605-FL-003	JC-6945 backing adhesive, dimensions D24.6*20.6	PCS	1
38	**Auxiliary Materials**	Battery Cover Perimeter Foam	LZT-T605-FL-004	0.3 mm waterproof foam, dimensions 173.89*76.99 mm	PCS	1
39	**Auxiliary Materials**	Front Camera Foam	LZT-T605-FL-005	0.5 mm thickness, dimensions: 14.7*3.7 mm	PCS	1
40	**Auxiliary Materials**	Sub-board Connector Foam	LZT-T605-FL-006	0.5 mm foam, dimensions 10.5*4 mm	PCS	1
41	**Auxiliary Materials**	TYPE-C Conductive Sponge	LZT-T605-FL-007	1.0 mm thickness, dimensions 5*2.5 mm	PCS	1
42	**Auxiliary Materials**	Key Metal Sheet Conductive Fabric	LZT-T605-FL-008	0.1 mm thickness, dimensions: 20*5 mm	PCS	2
43	**Auxiliary Materials**	Front Camera LCD Surface Dustproof Foam	LZT-T605-FL-009	0.5 mm foam, dimensions D4.95*D7.35 mm	PCS	1
44	**Auxiliary Materials**	Middle Frame Large Dustproof Foam	LZT-T605-FL-010	0.2 mm waterproof foam, dimensions 171.9*75 mm	PCS	1
45	**Auxiliary Materials**	Silicone Microphone Dustproof Sealing Foam	LZT-T605-FL-011	0.5 mm foam + adhesive + 300-mesh nylon net, dimensions D3*D1.3 mm	PCS	1
46	**Auxiliary Materials**	Front Housing Receiver Side-hole PET	LZT-T605-FL-012	PET, waterproof, dimensions 8.8*2.8 mm	PCS	1
47	**Auxiliary Materials**	Main Board Connector Foam	LZT-T605-FL-015	0.5 mm foam, dimensions 22*4 mm	PCS	1
48	**Auxiliary Materials**	Light Sensor Conductive Fabric	LZT-T605-FL-016	0.1 mm thickness, dimensions 4*17 mm	PCS	1
49	**Auxiliary Materials**	Single-sided Conductive Sponge	LZT-T605-FL-017	0.3 mm thickness, dimensions 11.32*7.21 mm, USB sub-board conductive sponge	PCS	1
50	**Auxiliary Materials**	Coaxial Connector Compression Foam	LZT-T605-FL-018	0.5 mm thickness, dimensions D3 mm	PCS	2
51	**Auxiliary Materials**	Camera Mirror Back Adhesive	LZT-T605-FL-019	3M200MP backing adhesive, dimensions: D11.5*D7.5 mm	PCS	1
52	**Auxiliary Materials**	Speaker Dustproof Mesh	LZT-T605-FL-021	Black 300-mesh nylon mesh, rear side coated with adhesive, dimensions: 15.5*3.5*0.15 mm	PCS	1
53	**Accessories and**	Handset (main unit)		T605 4G European-version black handset	PCS	1
54	**Accessories and Packaging**	USB Cable	LZT-USB cable-A-C-5V/2A	Data cable, USB-A to USB-C, length 1 m, 5 V / 2 A, USB-C plug exposed length 7.0 mm	PCS	1

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55	**Accessories and Packaging**	Battery	LZT-T605-4000	Li-ion, 3.85 V, rated capacity 4000 mAh, packed in CPE matte sealing bag, cycle life ≥ 500 cycles, customised battery label, SN starting from MS653012609000001	PCS	1
56	**Accessories and**	Protective Case (TPU)	LZT-PT-T605	TPU, transparent, textured surface, full-body protective case	PCS	1
57	**Accessories and Packaging**	Gift Box	LZT-MS653 BOX-BK-POL	White-base top-and-bottom colour box, customized design, bottom cover printed with inner contents, top cover with finger slot, with cardboard inner tray, no UV coating, colour box dimensions: 208*111*62.5 mm	PCS	1
58	**Accessories and Packaging**	Gift Box Inner Tray	LZT-MS653 BOX-NT-POL	White cardboard inner tray, dimensions matching colour box dimensions, supplied unfolded, folded during factory packing	PCS	1
59	**Accessories and**	User Manual	LZT-MS653 UM-POL	Coated paper	PCS	1
60	**Accessories and Packaging**	Warranty Card	LZT-MS653 WC-POL	350g double copper paper, full-color printing, double-sided matte adhesive; dimensions: 105*147.5 mm, double-sided printing, supplied pre-folded	PCS	1
61	**Accessories and Packaging**	Outer Carton Box	LZT-MS653 CNT-POL	K=K, 20PCS/carton, adhesive-sealed, with top and bottom dividers, specification: 46.5x33x23.3cm	PCS	1/20
62	**Accessories and**	Carton Dividers		Carton top and bottom dividers, divider dimensions: 46.5*33cm	PCS	2/50
63	**Accessories and Packaging**	Phone Body Label	LZT-JB-MS653-POL	Phone body IMEI label, off-white coated paper material, IMEI and SN numbers printed to correspond with the box label number range; specification: 98.5*63 mm; SN: starting from MS653012609000001	PCS	1
64	**Accessories and Packaging**	Gift Box Label	LZT-IMEI-MS653-POL	Box IMEI label, off-white coated paper material, IMEI and SN numbers printed to correspond with the phone body label number range; specification: 54*40 mm; SN: starting from MS653012609000001	PCS	1
65	**Accessories and Packaging**	Warranty Card IMEI Label	LZT-MS653 WC-IMEI-POL	Warranty Card IMEI label, off-white coated paper material, IMEI and SN numbers printed to correspond with the phone body label number range; specification: 37*20 mm; SN: starting from MS653012609000001	PCS	1
66	**Accessories and Packaging**	Protective Film	LZT-MS653 Flim-3-POL	3-layer transparent protective film, customized design, with labels 1 and 2, protective film dimensions: 16.5*6.9cm	PCS	1
67	**Accessories and**	Gift Box Sealing Label	LZT-FK-Maxcom-BOX	Transparent colour box sealing label, ϕ30, N/A VOID	PCS	1
68	**Accessories and**	Carton Sealing Label	LZT-FK-Maxcom-CNT	Coated paper material, dimensions: 60*100 mm	PCS	2/20
69	**Accessories and Packaging**	Carton Label	LZT-CTN Lable-MS653	Blank carton label, coated paper backing adhesive, dimensions: 200*100 mm, factory prints inner contents	PCS	1/20
70	**Accessories and Packaging**	Charging Dock	LZT-ZC-MS653	Charging dock body + charging dock label (black background with white text), silkscreen white maxcom logo, pogo-pin type, ensure charging dock charging current is consistent with charger charging current, TYPE-C interface, black material, rigid foam foot pads; CPE matte sealing bag	PCS	1
71	**Accessories and**	PE Bag	LZT-PE-MS653	CPE neutral eco-friendly matte bag, dimensions / specification: 200*90 mm	PCS	1
72	**Accessories and**	Pallet	P12MU13	Blue plastic pallet, dimensions: 1.2 m × 1.0 m	PCS	1/1250
73	**Accessories and**	Corner Protector	P01MU91	Corner protector paper, length 1.3 m, 5 × 5 cm × 4 mm	PCS	8/1250