

PANTUM

Parts Manual

Multi-Function Laser Printer PARTS REFERENCE LIST

Smart Simple Series

MODELS: BM51** (“*” stands for any number and letter)



Read this list thoroughly before maintenance work.

Keep this list in a convenient place for quick and easy reference at all times.

April 2024

Ver.1.0

NOTE FOR USING THIS PARTS REFERENCE LIST

1. In the case of ordering parts, it is necessary to mention the following items:

- (1) Code
- (2) Q'ty
- (3) Description

<Example>

	(1)	(2)	(3)			
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS

2. Design-changed parts:

If any of the parts is changed, one of the following symbols is indicated in the REMARK column.

CHG (chg): The part is changed for a new one.

ADD (add): The part is newly added.

DEL (del): The part is deleted.

Symbol in capital letters indicates the latest parts change information in the page.

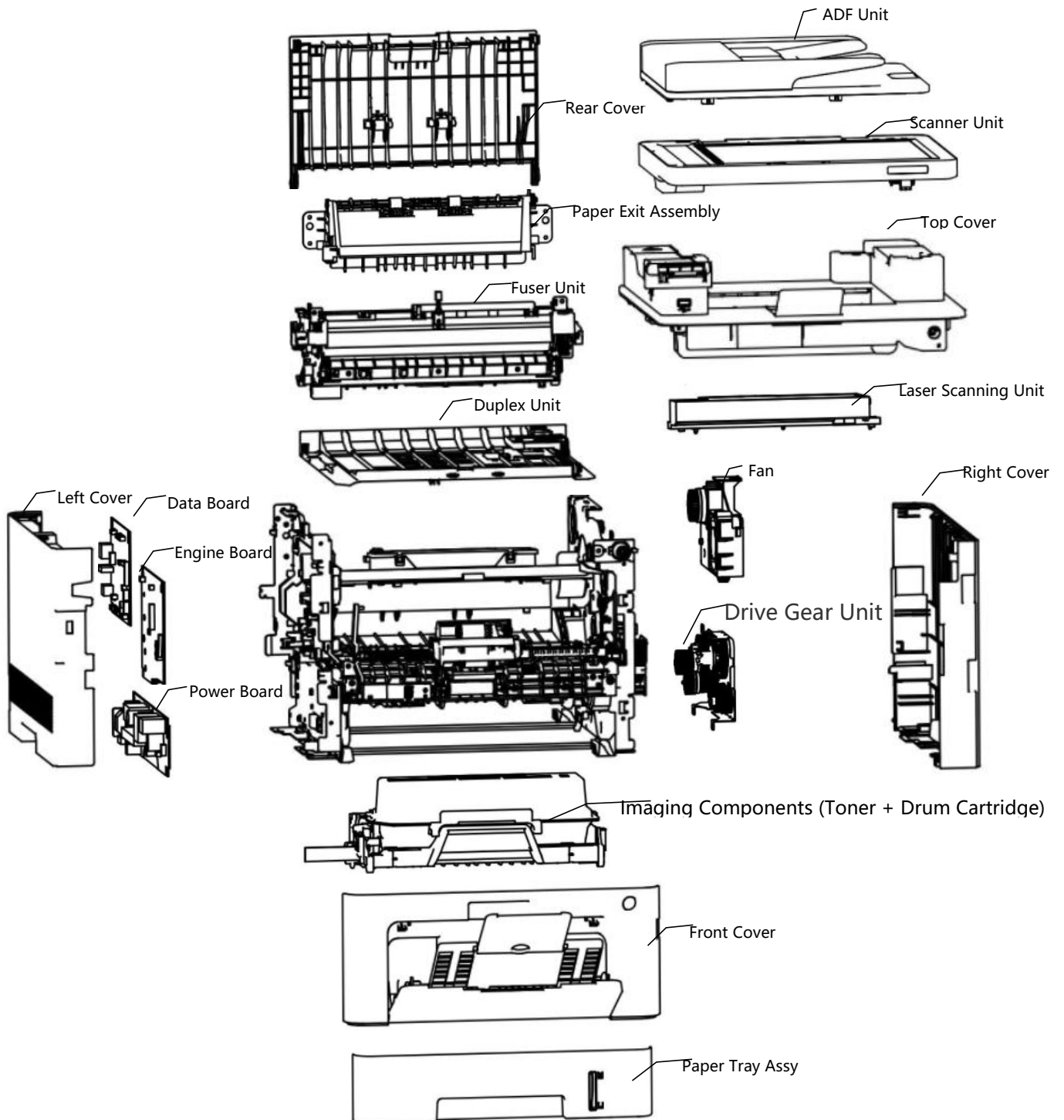
3. Parts change will be informed by the Parts change information.

4. Parts are subject to change in design without prior notice.

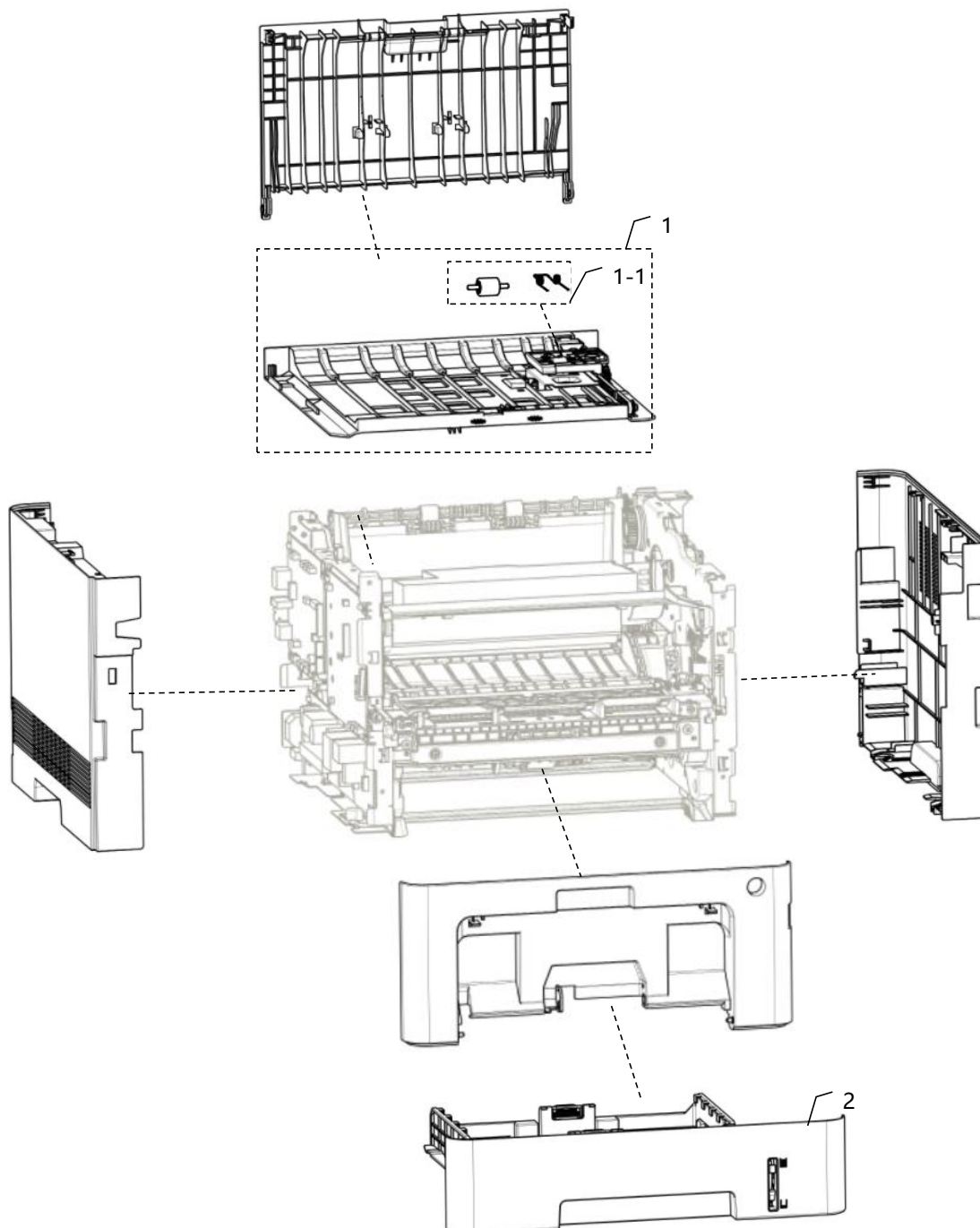
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1. Machine Composition

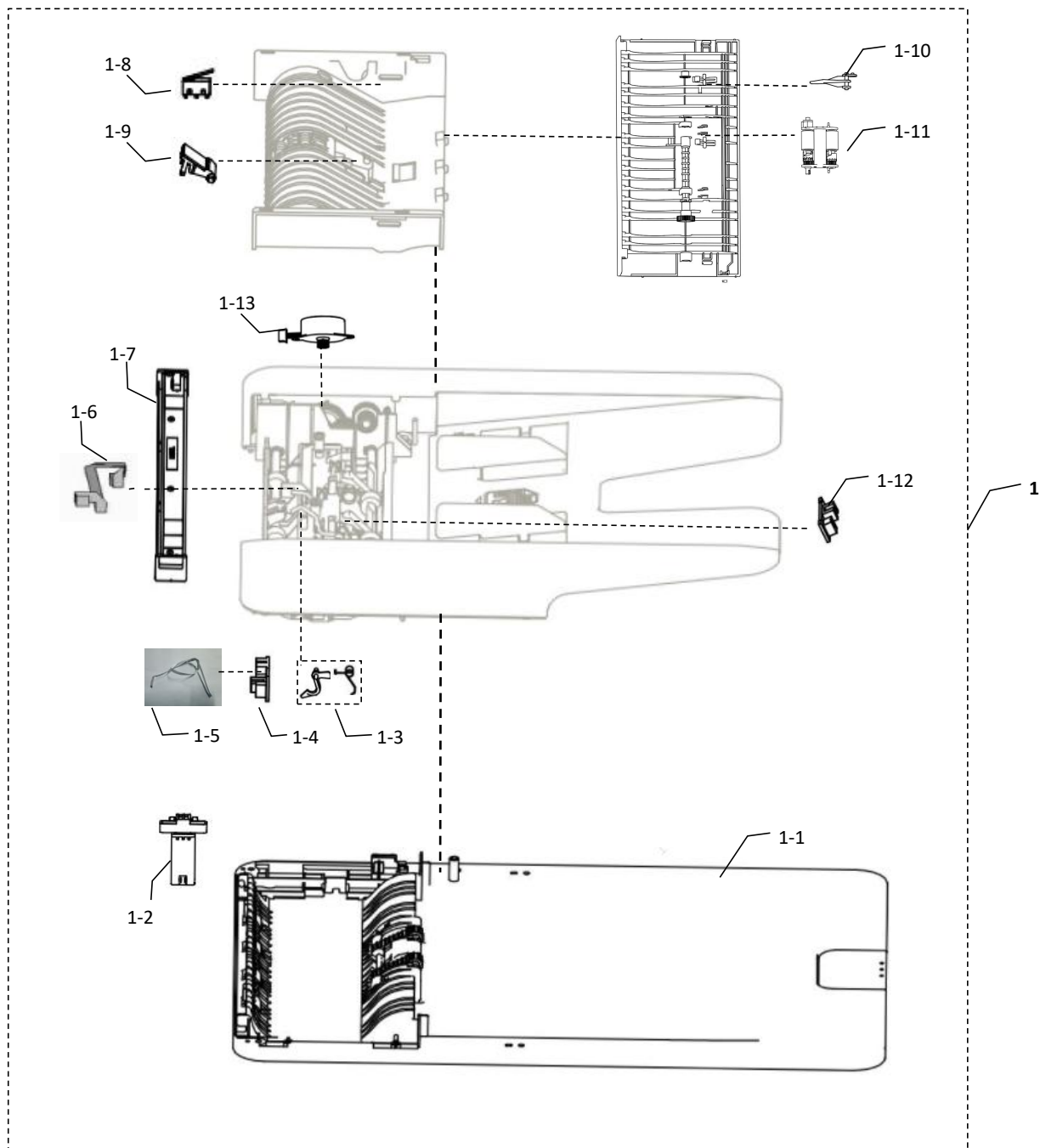


2. Cover



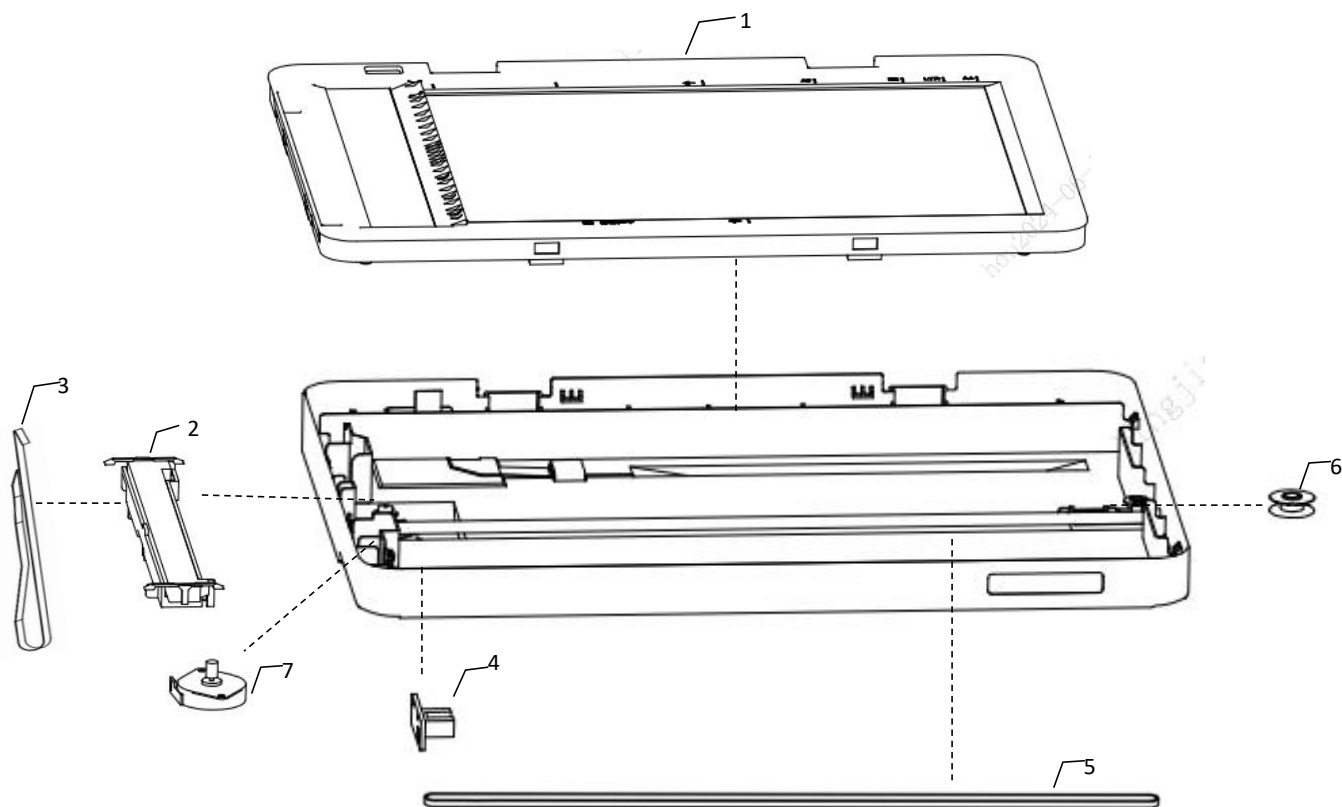
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	301022233001	1	Duplex Unit(Grey)	BM51**		
1-1	302110005001	2	Duplex Pinch Roller&Spring	BM51**		
2	302111016901	1	Paper Tray Assy	BM51**		

3. ADF Unit



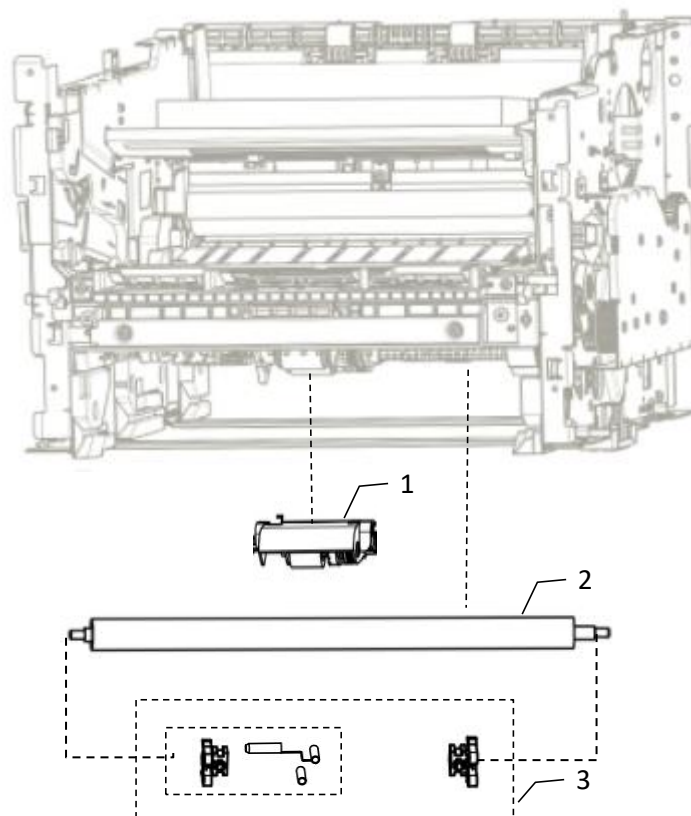
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	302110028501	1	ADF Unit(White)	BM51**		
	302110179401	1	ADF Unit(White)-New Version	BM51**		
1-1	302111026001	1	ADF Base frame(White)	BM51**		
	302110178301	1	ADF Base frame	BM51**		
1-2	302110021201	1	ADF Hinge(Grey)	BM51**		
	302110179501	1	Hinge(Grey)	BM51**		
1-3	301022304001	2	ADF Registration Sensor(Arm+ Spring)	BM51**		
1-4	301022294001	1	ADF Registration Sensor	BM51**		
1-5	301022284001	1	ADF Registration Sensor Wire Harness	BM51**		
1-6	302111011201	1	ADF-CIS Cable	BM51**		
1-7	301022681001	1	ADF-CIS	BM51**		
1-8	301022300001	1	ADF Top Cover Switch	BM51**		
1-9	301022149001	1	ADF Separator Unit	BM51**		
1-10	301022292001	1	No Paper Sensor(Arm)	BM51**		
1-11	301022302001	1	ADF Pick-Up Unit	BM51**		
1-12	301022293001	1	No Paper Sensor	BM51**		
1-13	301022301001	1	ADF Motor	BM51**		

4. Scanner Unit



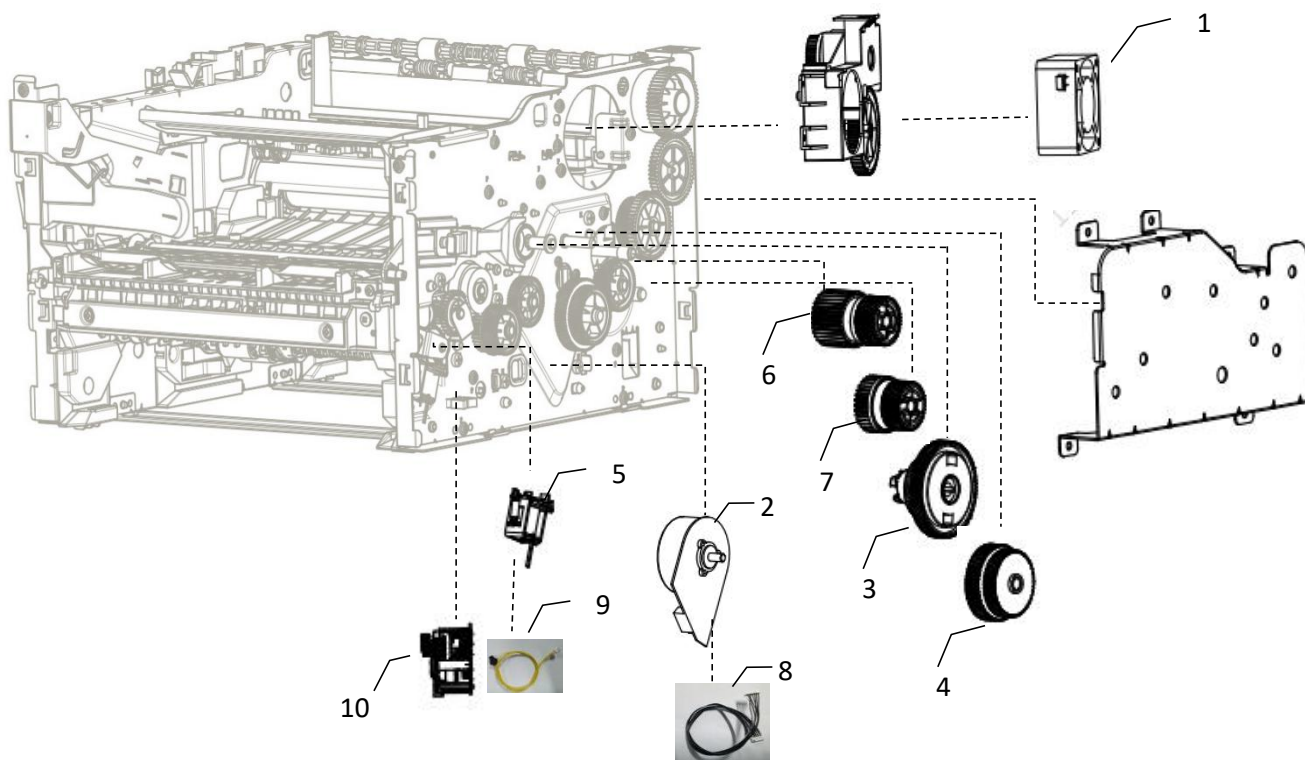
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	302110017901	1	Glass Platen Component(White)	BM51**		
	302110179701	1	Scanner Unit Top Plate (with glass)	BM51**		
2	301022812001	1	CIS	BM51**		
3	301022285001	1	CIS Cable	BM51**		
4	301022184001	1	CIS Position Sensor	BM51**		
5	301022303001	1	CIS Belt	BM51**		
6	302110036001	1	CIS Follower Gear (Right)	BM51**		
7	302110057301	1	CIS Motor	BM51**		

5. Feeder Unit



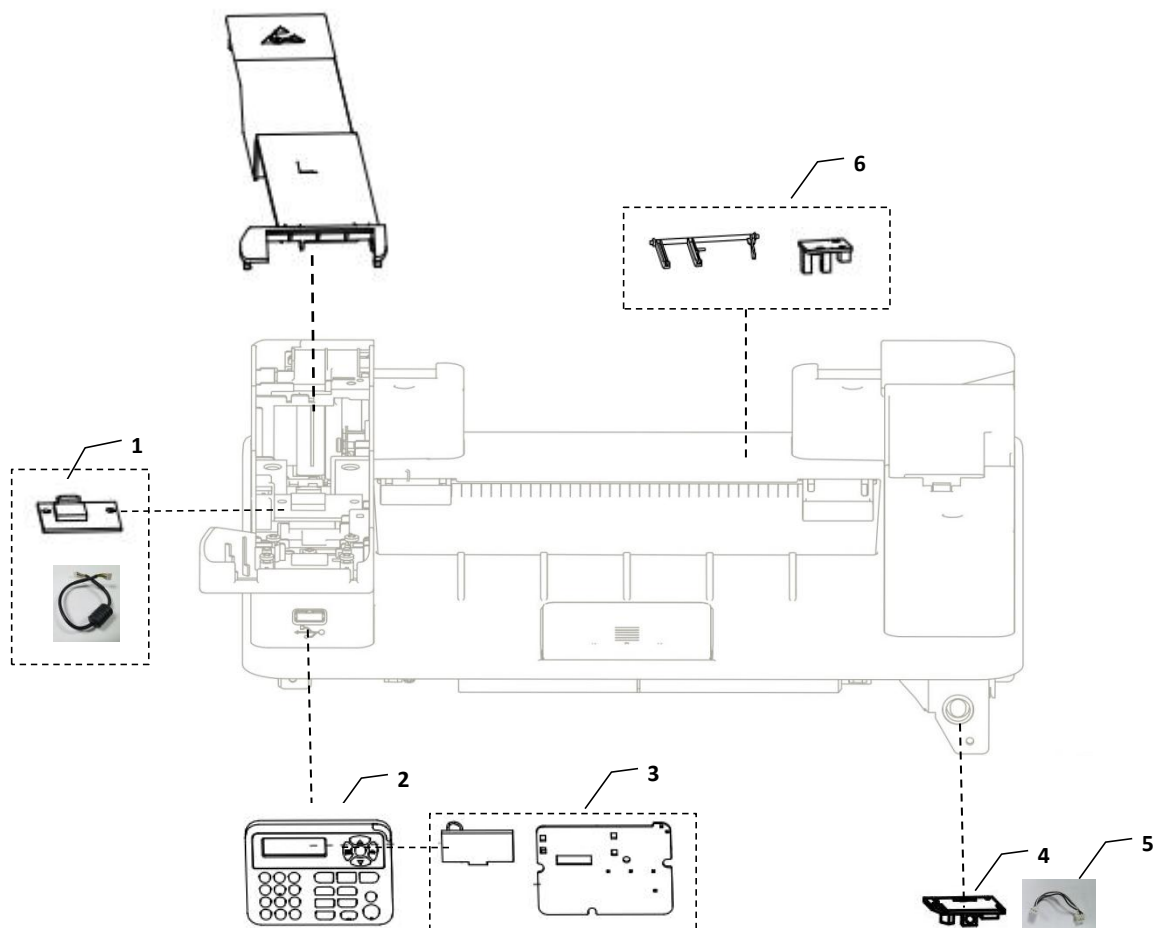
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	302110039101	1	Pick-Up Assembly	BM51**		
2	302111017101	1	Transfer Roller	BM51**		
3	301022317001	4	Transfer Roller(Spring& Sleeve)	BM51**		

6. Driver Unit



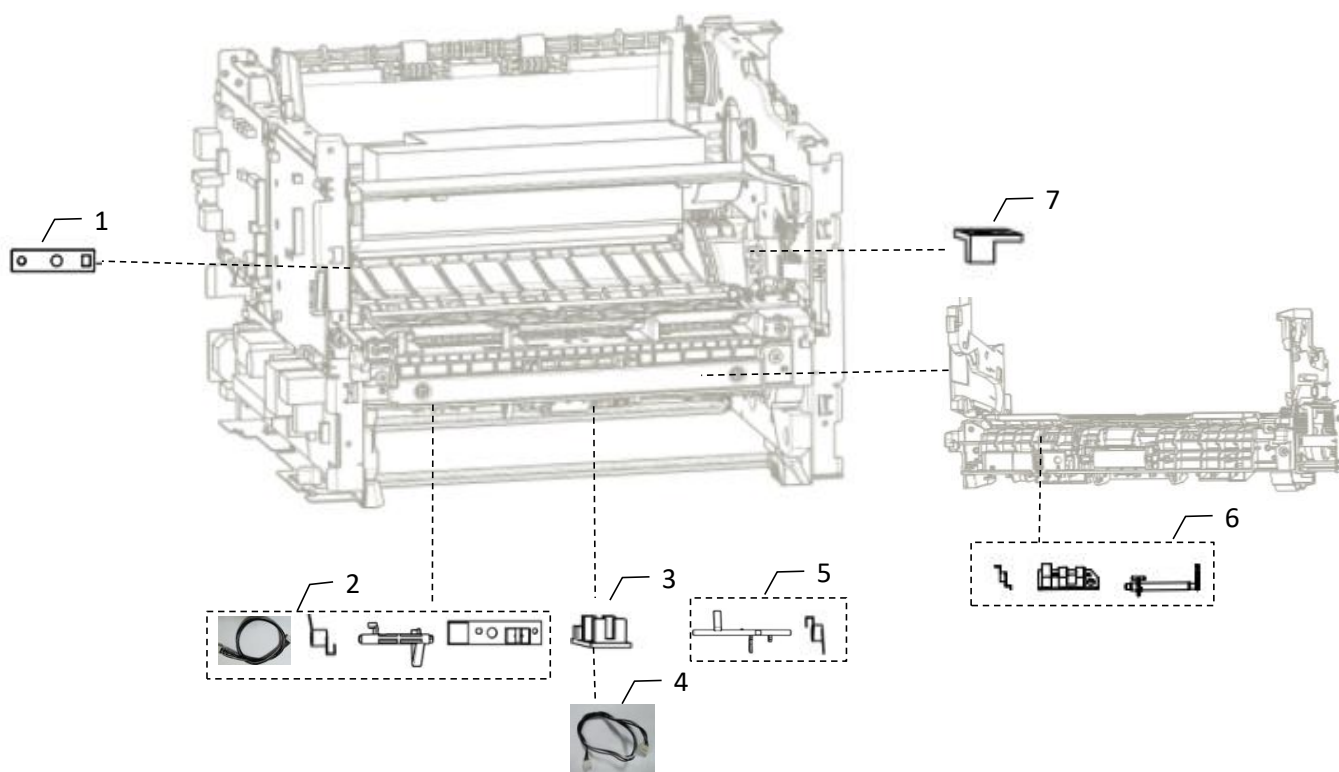
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	302111016001	1	Fan	BM51**		
2	301022163001	1	Main Motor	BM51**		
3	301022313001	1	OPC Driver Gear	BM51**		
4	301022735001	1	One Way Gear	BM51**		
5	301020147001	1	Paper Feed Solenoid	BM51**		
6	301022312001	1	Fusing Driver Gear	BM51**		
7	301022736001	1	Duplex One Way Gear	BM51**		
8	301022268001	1	Main Motor Wire Harness	BM51**		
9	301022279001	1	Paper Feed Solenoid Cable	BM51**		
10	302111011601	1	Multi Paper Tray Driver Assy	BM51**		

7. Control Unit



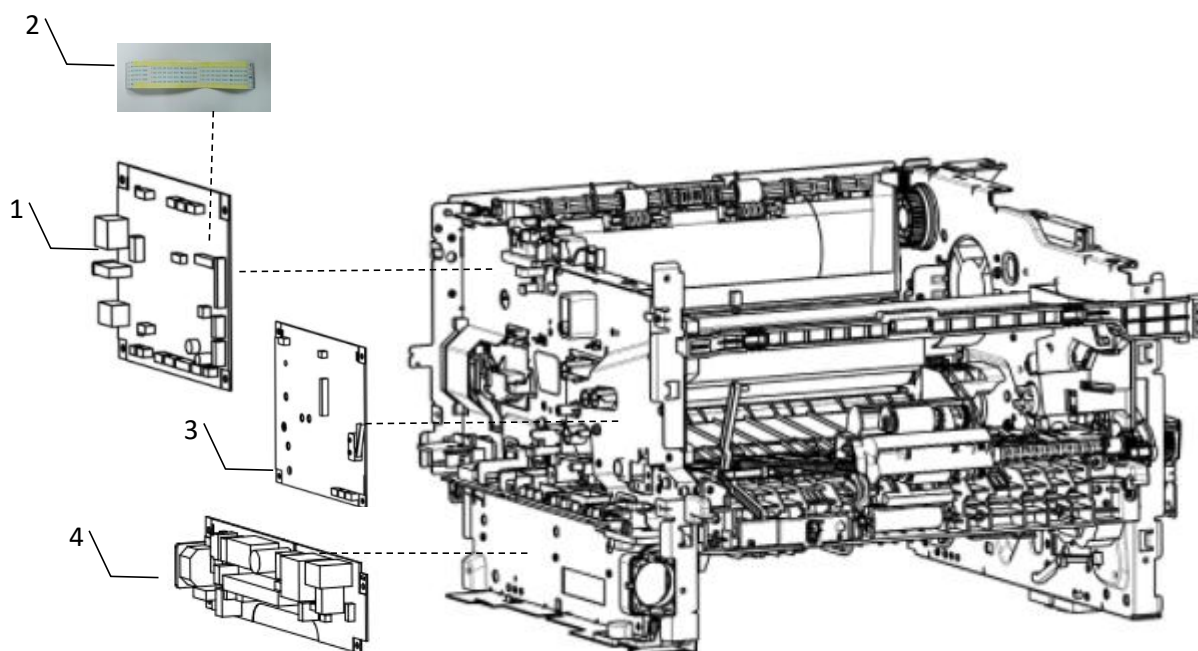
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	302111016801	2	WIFI Sensor	BM51**		
2	302110004601	1	Touch Screen Assy	BM51**		
3	301022286001	1	Control Panel Board-C	BM51**		
4	301022276001	1	Switch	BM51**		
5	301022269001	1	Switch Wiring Harness	BM51**		
6	302111016701	2	Paper-Full Sensor	BM51**		

8. Sensors



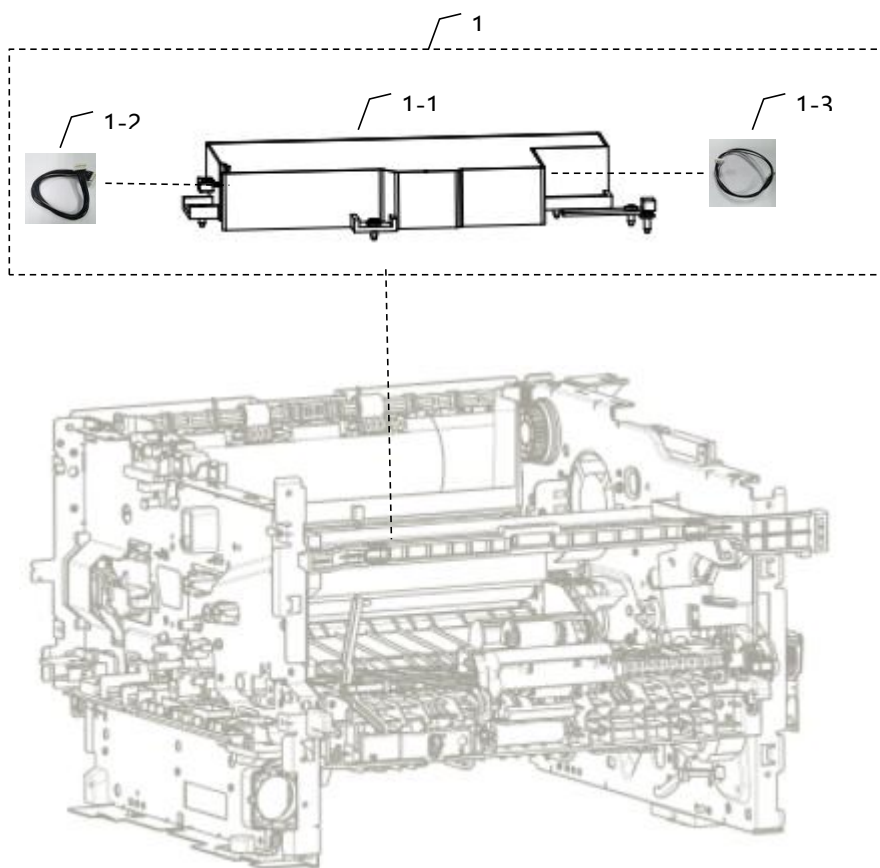
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	301022299001	1	Chip Contact Board (Drum)	BM51**		
2	302110041101	4	No Paper sensor	BM51**		
3	301022295001	1	Transfer Sensor	BM51**		
4	301022280001	1	Transfer Sensor Wiring Harness	BM51**		
5	301022296001	2	Transfer Sensor Flag	BM51**		
6	302111007001	3	Transfer Sensor	BM51**		
7	301022298001	1	Chip Contact Board (Toner)	BM51**		

9. Electrical



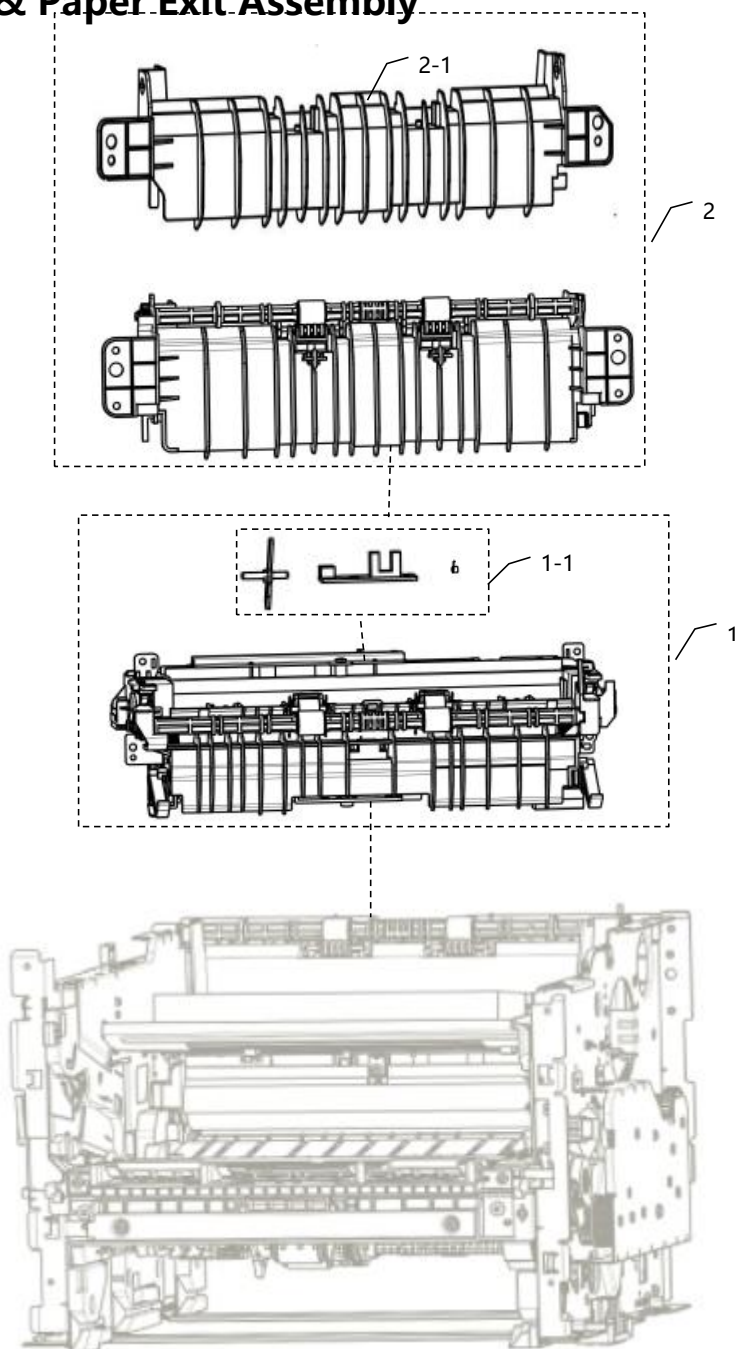
REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	Appendix 1	1	Data Board	Appendix 1		
2	302111017601	1	Engine Board Cable	BM51**		
3	302111016201	1	Engine Board	BM51**		
4	302111016101	1	Power Board-220V	220V-BM51**		
	302110004201	1	Power board-110V	110V-BM51**		

10. Laser Scanning Unit(LSU)



REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	302110024701	3	LSU(with cable)	BM51**		
1-1	301022764001	1	LSU	BM51**		
1-2	301022765001	1	LSU Wire(12bundles)	BM51**		
1-3	301022766001	1	LSU Wire(5bundles)	BM51**		

11. Fuser Unit & Paper Exit Assembly



REF No.	CODE	Q'TY	DESCRIPTION	MODEL	SPEC	REMARKS
1	302111018801	1	Fuser Unit - 220V	BM51**		
	302110004101	1	Fuser Unit - 110V	BM51**		
1-1	301022231001	3	Paper Exit Sensor	BM51**		
2	302110051001	1	Paper exit Assembly	BM51**		
2-2	302111017001	1	Discharge Frame (Medium Ash)	BM51**		

Appendix 1

REF No.	CODE	Q' TY	DESCRIPTION	MODEL	HW No.	SPEC	REMARKS
1	302110102401	1	Data board	BM5100ADN	301013002301	Brazil	
2	302110103101	1	Data board	BM5100ADN	301013003901	Romania	
3	302110130301	1	Data board	BM5115ADW	301013008201	Mexico	
4	302110096401	1	Data board	BM5100ADW	301013005501	Ukraine	
5	302110103801	1	Data board	BM5100ADN	301013000701	Colombia	
6	302110149501	1	Data board	BM5110ADN	301101500501	United Kingdom	
7	302110106601	1	Data board	BM5100FDW	301015002001	Philippines	
8	302110105501	1	Data board	BM5100FDW	301015002401	Qatar	
9	302110103401	1	Data board	BM5100ADN	301013003301	Tunisia	
10	302110096701	1	Data board	BM5100ADW	301013000801	Colombia	
11	302110106901	1	Data board	BM5100FDW	301015002701	Russia	
12	302110095101	1	Data board	BM5100ADW	301013005901	Canada	
13	302110105801	1	Data board	BM5100FDW	301015003401	Tunisia	
14	302110131701	1	Data board	BM5110ADW	301101500401	United Kingdom	
15	302110097201	1	Data board	BM5100ADW	301013002101	India	
16	302110104501	1	Data board	BM5100ADN	301013003001	Russia	
17	302110097001	1	Data board	BM5100ADW	301013007101	Turkey	
18	302110095401	1	Data board	BM5100ADW	301013004001	Romania	
19	302110104101	1	Data board	BM5100ADN	301013008001	Mexico	
20	302110094801	1	Data board	BM5100ADW	301013000501	Russia	
21	302110097501	1	Data board	BM5100ADW	301013006701	Venezuela	
22	302110104801	1	Data board	BM5100FDN	301015000901	United States	
23	302110102601	1	Data board	BM5100ADN	301013005801	Canada	
24	302110107401	1	Data board	BM5100FDW	301015003601	Venezuela	
25	302110095701	1	Data board	BM5100ADW	301013004101	Czech Republic	
26	302110097101	1	Data board	BM5100ADW	301013002901	Thailand	
27	302110105101	1	Data board	BM5100FDN	301015000701	Uruguay	
28	302110131401	1	Data board	BM5110ADW	301101500001	Brazil	
29	302110102901	1	Data board	BM5100ADN	301013003801	Algeria	
30	302110130101	1	Data board	BM5115FDW	301015004201	United Kingdom	
31	302110107701	1	Data board	BM5100FDW	301101500301	Brazil	
32	302110096201	1	Data board	BM5100ADW	301013002601	Pakistan	
33	302110103601	1	Data board	BM5100ADN	301013004901	Greece	
34	302110106401	1	Data board	BM5100FDW	301015003801	Chile	
35	302110103201	1	Data board	BM5100ADN	301013000401	Russia	
36	302110130401	1	Data board	BM5115ADW	301013007601	United Kingdom	
37	302110096501	1	Data board	BM5100ADW	301013001201	Bangladesh	
38	302110103901	1	Data board	BM5100ADN	301013007501	Venezuela	

39	302110149601	1	Data board	BM5110ADN	301101500701	Romania	
40	302110106701	1	Data board	BM5100FDW	301015001401	Pakistan	
41	302110095901	1	Data board	BM5100ADW	301013001801	Argentina	
42	302110105601	1	Data board	BM5100FDW	301015002301	Thailand	
43	302110096101	1	Data board	BM5100ADW	301013003601	South Africa	
44	302110096801	1	Data board	BM5100ADW	301013001601	United Kingdom	
45	302110107001	1	Data board	BM5100FDW	301015003201	Belarus	
46	302110095201	1	Data board	BM5100ADW	301013003101	Russia	
47	302110105901	1	Data board	BM5100FDW	301015003301	South Africa	
48	302110131801	1	Data board	BM5110ADW	301101500801	Romania	
49	302110095001	1	Data board	BM5100ADW	301013004301	Philippines	
50	302110097301	1	Data board	BM5100ADW	301013002501	Saudi Arabia	
51	302110104601	1	Data board	BM5100FDN	301015001601	Israel	
52	302110107101	1	Data board	BM5100FDW	301015001701	Israel	
53	302110107201	1	Data board	BM5100FDW	301015002901	United Kingdom	
54	302110095801	1	Data board	BM5100ADW	301013003701	Malaysia	
55	302110095501	1	Data board	BM5100ADW	301013006501	Russia	
56	302110104201	1	Data board	BM5100ADN	301013001701	Argentina	
57	302110094601	1	Data board	BM5100ADW	301013001401	United States	
58	302110097601	1	Data board	BM5100ADW	301013008101	Mexico	
59	302110104901	1	Data board	BM5100FDN	301015002801	United Kingdom	
60	302110102701	1	Data board	BM5100ADN	301013004201	Vietnam	
61	302110129901	1	Data board	BM5115FDW	301015004401	Mexico	
62	302110107501	1	Data board	BM5100FDW	301015001001	United States	
63	302110106201	1	Data board	BM5100FDW	301015000801	Uruguay	
64	302110094901	1	Data board	BM5100ADW	301013002701	Sri Lanka	
65	302110105201	1	Data board	BM5100FDN	301015001101	United Kingdom	
66	302110131501	1	Data board	BM5110ADW	301101500901	Argentina	
67	302110103001	1	Data board	BM5100ADN	301013001501	United Kingdom	
68	302110130201	1	Data board	BM5115FDW	301015004001	United Kingdom	
69	302110096301	1	Data board	BM5100ADW	301013005001	Greece	
70	302110103701	1	Data board	BM5100ADN	301013001301	United States	
71	302110149401	1	Data board	BM5107ADN	301013007301	Russia	
72	302110106501	1	Data board	BM5100FDW	301015001301	Hong Kong	
73	302110105401	1	Data board	BM5100FDN	301015002601	Russia	
74	302110103301	1	Data board	BM5100ADN	301013002201	India	
75	302110130501	1	Data board	BM5115ADW	301013007801	United Kingdom	
76	302110106101	1	Data board	BM5100FDW	301015004101	Mexico	
77	302110096601	1	Data board	BM5100ADW	301013006901	Vietnam	
78	302110104001	1	Data board	BM5100ADN	301013007001	Turkey	
79	302110106801	1	Data board	BM5100FDW	301015003001	Taiwan	
80	302110096001	1	Data board	BM5100ADW	301013001101	Hong Kong	
81	302110105701	1	Data board	BM5100FDW	301015002501	Peru	

82	302110131601	1	Data board	BM5110ADW	301101500601	United Kingdom	
83	302110104401	1	Data board	BM5100ADN	301013000901	Uruguay	
84	302110096901	1	Data board	BM5100ADW	301013007401	Chile	
85	302110105301	1	Data board	BM5100FDN	301015000201	Russia	
86	302110095301	1	Data board	BM5100ADW	301013001001	Uruguay	
87	302110106001	1	Data board	BM5100FDW	301015003701	Argentina	
88	302110094701	1	Data board	BM5100ADW	301013006601	Australia	
89	302110097401	1	Data board	BM5100ADW	301013003501	Belarus	
90	302110104701	1	Data board	BM5100FDN	301015002101	Hong Kong	
91	302110102501	1	Data board	BM5100ADN	301013002801	Hong Kong	
92	302110107301	1	Data board	BM5100FDW	301015001201	United Kingdom	
93	302110095601	1	Data board	BM5100ADW	301013005701	Brazil	
94	302110104301	1	Data board	BM5100ADN	301013003401	Belarus	
95	302110130601	1	Data board	BM5115ADW	301013007901	Romania	
96	302110105001	1	Data board	BM5100FDN	301015003101	Belarus	
97	302110102801	1	Data board	BM5100ADN	301013005401	Ukraine	
98	302110130001	1	Data board	BM5115FDW	301015004301	Romania	
99	302110107601	1	Data board	BM5100FDW	301015000301	Russia	
100	302110103501	1	Data board	BM5100ADN	301013006401	Russia	
101	302110106301	1	Data board	BM5100FDW	301015001501	Bangladesh	
102	302110027801	1	Data board-NFC	BM5106FDW	301141002601	Russia	
103	302110027901	1	Data board	BM5106FDN	301141002501	Russia	
104	302110028001	1	Data board-NFC	BM5106ADW	301141002401	Russia	
105	302110162101	1	Data board	BM5110ADW	301101501201	Ukraine	
106	302110162201	1	Data board	BM5110ADN	301101501301	Ukraine	
107	302110028101	1	Data board	BM5106ADN	301141002301	Russia	
108	302110169201	1	Data board	BM5100ADW	301013002401	Brazil	
109	302110163801	1	Data board	BM5100ADN	301013004401	Poland&Czech	
110	302110173001	1	Data board	BM5110ADN	301101501001	Israel	
111	302110182301	1	Data board	BM5130FDW	301101501501	Brazil	