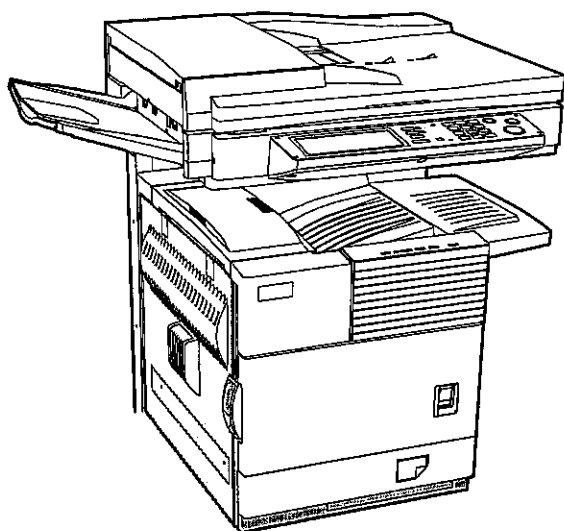


SHARP PARTS GUIDE

CODE:00ZM450NU/P1E



**LASER PRINTER
(MULTI FUNCTION)**

**AR-M350N
AR-M350U
AR-M450N
MODEL AR-M450U**

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The AR-M350N/M350U/M450N/M450U Parts Guide describes only the parts change from AR-P350/AR-P450 Parts Guide. for the common parts, please refer to the AR-P350/AR-P450(CODE :00ZAR350LPP1/) Parts Guide.

SHARP CORPORATION

WWW.SERVICE-MANUAL.NET

This document has been published to be used for after sales service only.
The contents are subject to change without once.

DEFINITION

The definition of each Rank is as follows and also noted in the list

- A: Parts necessary to be stocked as High usage parts.
 - B: Parts necessary to be stocked as Standard usage parts.
 - C: Low usage parts.
 - D: Parts necessary for refurbish.
 - E: Unit parts recommended to be stocked for efficient after sales service.
- Please note that the lead time for the said parts may be longer than normal parts.
- S: Consumable parts.

Please note that the following parts used in Copier under the same description are classified into A or B Rank depending upon the place used.

Example: Gear made of Metal, Sprocket, Bearing, Belt made of Rubber, Spring clutch mechanism.

ARank : The parts which may be with the revolution or loading.

BRank : Parts similar to A Rank parts, but are not included in Rank A.

Because parts marked with "△" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

- Other than this Parts Guide, please refer to documents Service Manual (including Circuit Diagram) of this model.
- Please use the 13 digit code described in the right hand corner of front cover of the document, when you place an order.
- For U.S. only-Use order codes provided in advertising literature. Do not order from parts department.

[Note] *These parts are supplied by SMF.

1 Exteriors

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
5	GCAB-0940FCZ2	BA		D	Delivery tray cabinet
11	HPNLC0243FCZ1	AP		D	Ope.cabinet
26	CPNLH0020QS37	AK	N	D	Model panel (ARM350U)
	CPNLH0020QS38	AK	N	D	Model panel (ARM450U)
	CPNLH0020QS39	AK	N	D	Model panel (ARM350N)
	CPNLH0020QS40	AK	N	D	Model panel (ARM450N)

2 Left door unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
3	LX-BZ0147FCZ1	AC		C	Screw
9	PTME-0287FCZ1	AD		C	Transfer look pawl
13	LANGT1407FCZ2	AR		C	ACC fixing angle
16	PTME-0279FCZ1	AB		C	Left door look pawl
27	NFANP0069FCZZ	AV		B	Fan(CFM1N)

3 PS roller unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
38	LX-BZ0589FCZ1	AA		C	Screw

4 TC unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
25	LX-BZ0670FCZ1	AC		C	Screw
67	LX-BZ0788FCZ1	AC		C	Screw
71	NSFTZ2576FCZ1	AL		C	PS roller shaft

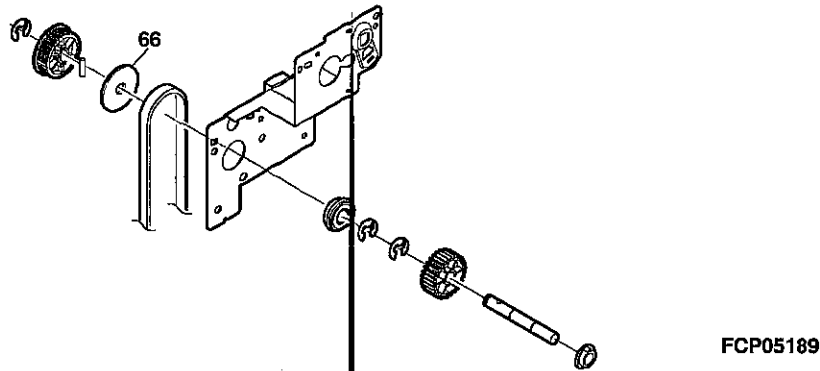
7 Fusing unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
3	PTME-0282FCZ1	AH		C	Upper separator pawl

8 Delivery turn over unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
5	NFANP0069FCZZ	AV		B	Fan(CFM1N)
10	PGIDM1896FCZ1	AV		C	Delivery upper guide
14	LDAIU0626FCZ2	AK		C	Paper exit follower roller fixing plate
38	NBLTH0327FCZ1	AL		B	Bel(S3M-BELT-573)
47	NBLTH0350FCZ1	AH		B	Bel(S3M-BELT-252)
62	PBRSS0208FCZ1	AH		C	Discharge brush
66	PSHEP4962FCZ1	AC		C	Bel holder sheet

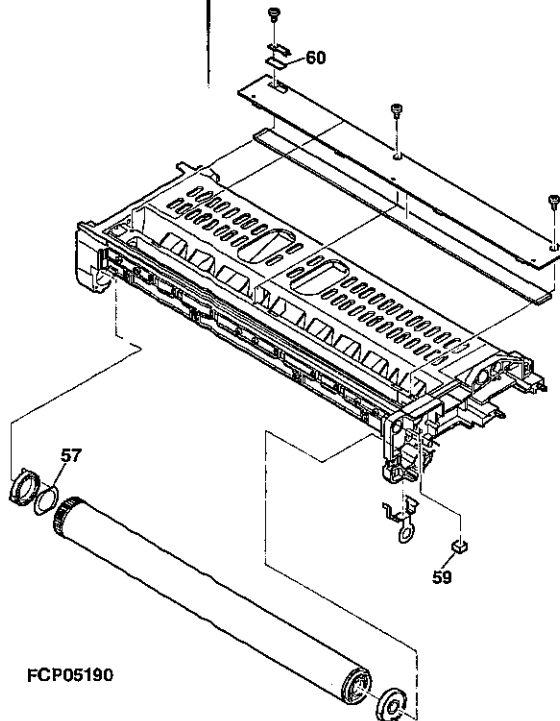
8 Delivery turn over unit



10 Process unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
16	MSPRC3010FCZ1	AB		C	Spring
24	XBBSD30P08000	AA		C	Screw(3x8)
26	LX-BZ0656FCZ1	AE	N	C	Screw
47	MSPRC2954FCZ1	AA		C	Spring
48	PMLT-1238FCZ1	AC		C	Toner shield cushion
57	LX-WZ0440FCZZ	AC		C	Spacer
59	PSPA Z1431FCZZ	AA		C	Spacer A
60	PSPA Z1432FCZZ	AA		C	Spacer B

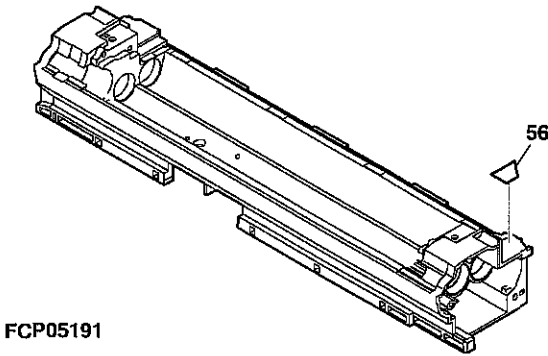
10 Process unit



11 DV unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
29	LPLTM6022FCZZ	AC		C	M4 plate
48	PMLT-1241FCZ1	AA		C	DV BOX cushion
49	PMLT-1244FCZ1	AC		C	Doctor cushion
56	PMLT-1296FCZZ	AH		C	Shutter cushion

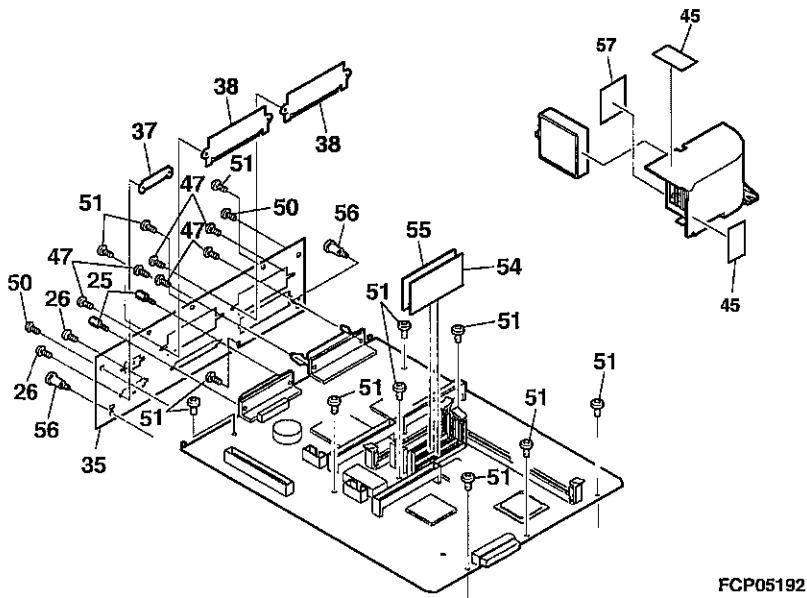
11 DV unit



12 Controller BOX unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	Pduc-0165FCZ1	AF		C	Controller duct
5	NFANP0069FCZZ	AV		B	Fan(CFM1N)
9	PCOVP1555FCZ1	AE		C	Controller BOX cover
14	QCNW-0201FCZZ	AG		C	Printer I/F FFC
25	LX-BZ0921FCZ1	AE		C	Screw(3x6)
26	XBPSD26P06000	AA		C	Screw(2.6x6)
35	LPLTM5765FCZ1	AH		C	Control PWB joint plate
37	PCOVP1560FCZZ	AC		C	FAX I/F cover
38	PCOVP1557FCZZ	AC		C	LAN/Option cover
45	PSHEP4945FCZZ	AC		C	Controller duct sheet B
47	XBPSD30P06000	AA		C	Screw(3x6)
50	XHBSE30P06000	AA		C	Screw(3x6)
51	XBBSD30P06000	AA		C	Screw(3x6)
54	VH128F322L03F	BU	N	B	MFP FLASH ROM A EX (ARM350N/M450N)
	VH128F322L15F	BU	N	B	STD FLASH ROM A EX (ARM350U/M450U)
55	VH128F322L04F	BU	N	B	MFP FLASH ROM B EX (ARM350N/M450N)
	VH128F322L16F	BU	N	B	STD FLASH ROM B EX (ARM350U/M450U)
56	LX-BZ0828FCZZ	AD		C	Screw
57	PSHEP5009FCZZ	AC		C	Controller duct sheet C

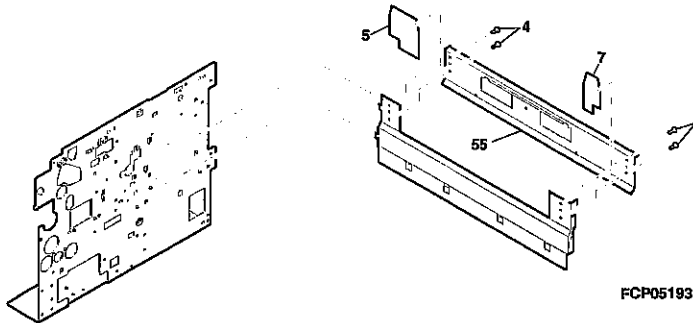
12 Controller BOX unit



14 Rear frame section 1

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	NFANP0069FCZZ	AV		B	Fan(CFM1N)
4	XHBSE40P08000	AA		C	Screw(4x8)
5	PSHEZ4874FCZ1	AC		C	LSU cleaning sheet R
7	PSHEZ4873FCZ1	AC		C	LSU cleaning sheet F
37	PSHEZ4885FCZ1	AB		C	Paper feed base sheet RN
55	PCOVP1693FCZZ	AH		C	Duct support cover

14 Rear frame section 1



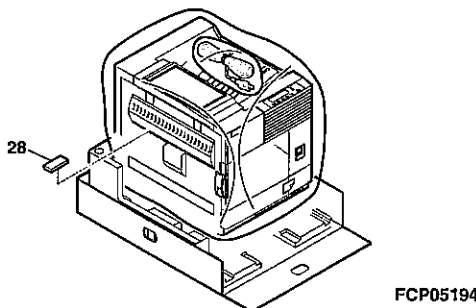
15 Rear frame section 2

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
54	QCNW-0205FCZZ	AC		C	HV I/F FFC
55	QCNW-0204FCZZ	AC		C	Drum motor I/F FFC
56	QCNW-0203FCZZ	AD		C	Main motor I/F FFC
58	VH128F081L04F	BE	N	B	PCU FLASH ROM

17 Packing material & Accessories

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
5	SPAKC6122DS37	AU	N	D	Packing case (ARM350U)
	SPAKC6122DS38	AU	N	D	Packing case (ARM450U)
	SPAKC6122DS39	AU	N	D	Packing case (ARM350N)
	SPAKC6122DS40	AU	N	D	Packing case (ARM450N)
6	TCADZ1521FCZ1	AE		D	Fusing pressurization manual
12	CDSKA0005FC37	AL		D	Printer CD
13	PSHEP4927FCZ1	AR		D	Key sheet MFP (German)
20	TINSE2061GHZZ	AZ	N	D	Operation manual PRT (U Kingdom)
	TINSG2060GHZZ	AZ	N	D	Operation manual PRT (German)
	TINSE2077FCZZ	AQ	N	D	Operation manual COPY (USA)
	TINSE2081GHZZ	AR	N	D	Operation manual COPY (U Kingdom)
	TINSG2080GHZZ	AR	N	D	Operation manual COPY (German)
	TINSE2078FCZZ	AW	N	D	Operation manual COPY (English)
	TINSE2119FCZZ	AN	N	D	Operation manual SCANNER (USA)
	TINSE2123GHZZ	AP	N	D	Operation manual SCANNER (U Kingdom)
	TINSG2122GHZZ	AP	N	D	Operation manual SCANNER (German)
	TINSE2120FCZZ	AV	N	D	Operation manual SCANNER (English)
	TINSE2214FCZZ	AG	N	D	Operation manual Sub (USA)
	TINSE2218GHZZ	AC	N	D	Operation manual Sub (U Kingdom)
	TINSG2217GHZZ	AC	N	D	Operation manual Sub (German)
	TINSE2215FCZZ	AG	N	D	Operation manual Sub (English)
	TINSE2237FCZZ	AH	N	D	Operation manual (USA)
	TINSE2241GHZZ	AF	N	D	Operation manual (U Kingdom)
	TINSG2240GHZZ	AF	N	D	Operation manual (German)
	TINSE2238FCZZ	AH	N	D	Operation manual (English)
28	SPAKA6272FCZZ	AG	N	D	Fusing protect add R

17 Packing material & Accessories



18 PCU PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
54	VH1FS781BZB-1	AP		B	IC(FS781BZB) [IC13]

20 Mother board

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
9	VRS-RE3LA6R2J	AC		C	Resistor(3W 6.2Ω ±5%)

26 MFP Control PWB (ARM350N/M450N)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	PCAPH0010GCZZ	AD		C	Jumper cap(JM-2W-96) [JP2,3,4,5,6,7]
2	PCOVP1468FCZZ	AD		C	Battery cover
3	QCNCM1183FCZZ	AM		C	Connector(100P15.2JXK) [CN2,12]
4	QCNCM1146FCZZ	AE		C	Connector(9A12-1034) [CN14]
5	QCNCM1182FCZZ	AM		C	Connector(100P9.2JXKS) [CN16]
6	QCNCW0946FCZZ	AH		C	Connector(36pin) [CN1]
7	QCNCW1147FCZZ	AL		C	Connector(TX2450RLTH1) [CN13]
8	QCNCW1149FCZZ	AN		C	Connector(8AL068S305C) [CN8]
9	QFS-D132CQCZZ	AG		A	Fuse(1.25/250T) [F1]
10	QFSHB0028FCZZ	AC		C	Fuse holder(TP00351-31) [F1]
11	QPIN-0003GCZZ	AC		C	Pin(T3B-SQ) [JP2,3,4,5,6,7]
12	QSOCZ0001QSZZ	AL		C	Socket(DMM168-FLAA2-3A133) [CN3]
13	QSOCZ0073FCNA	AL		C	Connector(DMM2SD72A11) [CN4,5,6]
14	QSOCZ6428ACZZ	AE		C	IC socket(28pin) [IC36]
15	RCRSP6676RCZZ	AG		B	Crystal(32.768KHz) [X6]
16	RCRUA0005FCZZ	AP		B	Crystal(14.745KHz) [X7]
17	RCRUA0007FCZZ	AP		B	Crystal(31.554MHz) [X4]
18	RCRUA0008FCZZ	AP		B	Crystal(40.57MHz) [X2]
19	RCRUA0009FCZZ	AP		B	Crystal(66.666MHz) [X3]
20	RCRUA0012FCZZ	AP		B	Crystal(66.666MHz)Ai5VLLLA [X1]
21	RCRUA0014FCZZ	AP		B	Crystal(68.5MHz) [X5]
22	RFILN0048FCZZ	AC		C	Ferrite bead(BLM10B121SB) [L2,3]
23	RFILN0051FCZZ	AC		C	Ferrite bead(MMZ1608D121B) [L25-30,33,34]
24	RMPTR4100ACZZ	AB		B	Block resistor(10Ωx4) [BR6-13,15-25,28,29]
	RMPTR4100ACZZ	AB		B	Block resistor(10Ωx4) [BR33-44,46,48,53-72]
25	RMPTR4103ACZZ	AB		B	Block resistor(10KΩx4) [BR1-5,14,26,27,30,31,32]
	RMPTR4103ACZZ	AB		B	Block resistor(10KΩx4) [BR74,76,78,80-102]
26	RMPTR4330ACZZ	AB		B	Block resistor(33Ωx4) [BR47,49,50,51,73,75,77,79]
27	RMPTR4472ACZZ	AB		B	Block resistor(4.7KΩx4) [BR45,52]
28	UBAT10014FCZZ	AN		B	Battery(CR2477-H01) [BT1]
29	VCCCCZ1HH101J	AA		C	Capacitor(50WV 100pF) [C7,8,10,17,18,20,22,30,33]
	VCCCCZ1HH101J	AA		C	Capacitor(50WV 100pF) [C35,38,39,40,43,47,48,51]
30	VCCGCZ1HH220J	AA		C	Capacitor(50WV 22pF) [C61]
31	VCEAPH1HC105M	AC		C	Capacitor(50WV 1μF) [C181,188,205,206]
32	VCEAPS1AC227M	AD		C	Capacitor(10WV 220μF) [C309,310]
33	VCEAPS1CC106M	AC		C	Capacitor(16WV 10μF) [C1,6,21,75,94,111,125,165]
	VCEAPS1CC106M	AC		C	Capacitor(16WV 10μF) [C166,169,178,179,223,224]
34	VCEAPS1CC226M	AC		C	Capacitor(16WV 22μF) [C57,64,90,114,115,136,170,176]
35	VCEAPS1CC476M	AC		C	Capacitor(16WV 47μF) [C95,167,168,180]
36	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C3,9,11,12,13,14,23-29]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C31,32,34,36,37,41,42,44,45]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C46,49,50,52,53,54,55,56]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C58,59,60,62,63,65,66,67]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C68,70,71,72,73,74,76-82]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C85,86,87,88,89,91,92,93]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C96,97,98,99,100,102-108]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C110,112,113,116-124,126]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C127,128,130,131,132,133]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C134,135,137,139,140-145]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C149,151,153-164,172,173]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C177,182,183,185,186,187]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C189-199,201,202,204]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C208-222,235-262]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C264-279,292-303]
37	VCKYCZ1HB102K	AA		C	Capacitor(50WV 1000pF) [C129]
38	VCKYCZ1HF103Z	AA		C	Capacitor(50WV 0.01μF) [C69,109]
39	VHDDAP202U/-1	AB		B	Diode(DAP202U) [D7,10]
40	VHDBR451F///-1	AD		B	Diode(RB451F) [D12,14,20,21,22]
41	VHDBRLS73///-1	AA		B	Diode(RLS73) [D8,9]
42	VH165946P07-1	BA		B	IC(65946P07) [IC32]
43	VH174LCX08MTC	AE		B	IC(74LCX08MTC) [IC26,46]
44	VH174LCX14MTC	AE		B	IC(74LCX14MTC) [IC43]
45	VH174LCX244MT	AG		B	IC(74LCX244MT) [IC12]
46	VH174LCX32MTC	AE		B	IC(74LCX32MTC) [IC11]
47	VH174LVX16128	AP		B	IC(74LVX16128) [IC15]
48	VH190LV17AW-1	AP		B	IC(90LV17AW) [IC18]

26

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
49	VHIDS14C238//	AT		B	IC(DS14C238)	[IC42]
50	VHIEEP64-120P	AW		B	IC(EEP64-120P)	[IC36]
51	VH1HG73C095-1	AY		B	IC(HG73C095)	[IC53]
52	VH1KS0U1347-1	BN		B	IC(KS0U1347)	[IC19]
53	VH1LCX157MT-1	AG		B	IC(LCX157MT)	[IC14]
54	VH1LCX16244-1	AM		B	IC(LCX16244)	[IC21,49,50]
55	VH1LCX16245-1	AM		B	IC(LCX16245)	[IC16,24,31,51,52]
56	VH1LCX16373-1	AM		B	IC(LCX16373)	[IC34]
57	VH1LCX74MTC-1	AE		B	IC(LCX74MTC)	[IC10]
58	VH1LM393D+-1	AE		B	IC(LM393D)	[IC39]
59	VH1LVT240MT-1	AL		B	IC(LVT240MT)	[IC8]
60	VH1M87J4810-1	BK		B	IC(M87J4810)	[IC25]
61	VH1N2370R04-1	AF		B	IC(N2370R04)	[IC22]
62	VH1N2370R33-1	AF		B	IC(N2370R33)	[IC54]
63	VH1N2391D25-1	AG		B	IC(N2391D25)	[IC35,33]
64	VH1NJM317DL-1	AK		B	IC(NJM317DL)	[IC2]
65	VH1NJU6356E-1	AK		B	IC(NJU6356E)	[IC40]
66	VH1PI6C2309-1	AR		B	IC(PI6C2309)	[IC9,29]
67	VH1PM2500+-1	BP		B	IC(PM2500)	[IC13]
68	VH1PST598DN-1	AF		B	IC(PST598DN)	[IC47]
69	VH1PST598IN-1	AF		B	IC(PST598I)	[IC48]
70	VH1SD4M16L1-1	AZ		B	IC(SD4M16L1)	[IC22]
71	VH1SD8M16L1-1	BB		B	IC(SD8M16L1)	[IC4,5,6,7,27]
72	VH1SR1024-7LL	AU		B	IC(SR1024-7LL)	[IC55,56]
73	VH1T4955A20-1	BF		B	IC(T4955A20)	[IC20]
74	VH1TD62503F-1	AF		B	IC(TD62503F)	[IC38,41,44,45]
75	VHP1LHEE-002A	AC		B	LED (Red)(1LHEE-002A)	[D13]
76	VHV1608C2701C	AC		B	Varistor(1608C2701C)	[RV1-6]
77	VHVICPS1.2/-1	AF		B	IC protecot(ICPS1.2)	[Q1]
78	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%)	[R1,3,32,33,49,77,94,97,106]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%)	[R108,120,141,166,198,220,222]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%)	[R225,229,232,233,290-307]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%)	[R310-348,399,400,406]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%)	[R407,409,410,413,414]
79	VRS-CZ1JD100J	AA		C	Resistor(1/16W 10Ω ±5%)	[R36,59,64,65,96,116,118,126]
	VRS-CZ1JD100J	AA		C	Resistor(1/16W 10Ω ±5%)	[R127,136,137,149,161,170,177,185]
80	VRS-CZ1JD101J	AA		C	Resistor(1/16W 100Ω ±5%)	[R9,10,101,102,109]
	VRS-CZ1JD101J	AA		C	Resistor(1/16W 100Ω ±5%)	[R183,235,236,403]
81	VRS-CZ1JD102J	AA		C	Resistor(1/16W 1.0KΩ ±5%)	[R11,129,130,134,151,204]
	VRS-CZ1JD102J	AA		C	Resistor(1/16W 1.0KΩ ±5%)	[R205,243,244,253,268,279]
82	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R12,13,15,16,18,20,44,45]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R60,61,62,70,72,73,86,91]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R93,112,115,123,131,139]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R144,154,158,159,160,163]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R165,167,168,203,207,208]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R213,216,217,230,237,238]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R239,240,241,242,245,246]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R249,254,259,260,261,263]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R264,267,269,271,272,273]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%)	[R274,282,283,284,285]
83	VRS-CZ1JD183J	AA		C	Resistor(1/16W 18KΩ ±5%)	[R275,280]
84	VRS-CZ1JD220J	AA		C	Resistor(1/16W 22Ω ±5%)	[R14,17,19,24,27,30,31,34

27 STD control PWB(ARM350U/M450U)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
1	PCAPH0010GCZZ	AD		C	Jumper cap(JM-2W-96) [JP2-7]
2	PCOVP1468FCZZ	AD		C	Battery cover
3	QCNCM1146FCZZ	AE		C	Connector(9A12-1034) [CN14]
4	QCNCM1182FCZZ	AM		C	Connector(100P9.2JXKS) [CN16]
5	QCNCM1183FCZZ	AM		C	Connector(100P15.2JXK) [CN2,12]
6	QCNCW0946FCZZ	AH		C	Connector(38pin) [CN1]
7	QCNCW1147FCZZ	AL		C	Connector(TX2450RLTH1) [CN13]
8	QCNCW1149FCZZ	AN		C	Connector(8AL068S305C) [CN8]
9	QFS-D132CQCZZ	AG		A	Fuse(1.25/250T) [F1]
10	QFSHB0028FCZZ	AC		C	Fuse holder(TP00351-31) [F1]
11	QPIN-0003GCZZ	AC		C	Pin(T3B-SQ) [JP2-7]
12	QSOCZ0001QSZZ	AL		C	Socket(DMM168-FLAA2-3A133) [CN3]
13	QSOCZ0073FCNA	AL		C	Connector(DMM2SD72A11) [CN4,5,6]
14	QSOCZ6428ACZZ	AE		C	IC socket(28pin) [IC36]
15	RCRSP6676RCZZ	AG		B	Crystal(32.768KHz) [X6]
16	RCRUA0005FCZZ	AP		B	Crystal(14.745KHz) [X7]
17	RCRUA0007FCZZ	AP		B	Crystal(31.554MHz) [X4]
18	RCRUA0008FCZZ	AP		B	Crystal(40.57MHz) [X2]
19	RCRUA0009FCZZ	AP		B	Crystal(66.666MHz) [X3]
20	RCRUA0012FCZZ	AP		B	Crystal(66.666MHz)Ai5VLLLAj [X1]
21	RCRUA0014FCZZ	AP		B	Crystal(68.5MHz) [X5]
22	RFILN0048FCZZ	AC		C	Ferrite bead(BLM10B121SB) [L2,3]
23	RFILN0051FCZZ	AC		C	Ferrite bead(MMZ1608D121B) [L25-30,33,34]
24	RMPTR4100ACZZ	AB		B	Block resistor(10Ωx4) [BR6-13,15-25,28,29]
	RMPTR4100ACZZ	AB		B	Block resistor(10Ωx4) [BR33-44,46,48,53-72]
25	RMPTR4103ACZZ	AB		B	Block resistor(10KΩx4) [BR1-5,14,26,27,30,31,32]
	RMPTR4103ACZZ	AB		B	Block resistor(10KΩx4) [BR74,76,78,80-102]
26	RMPTR4330ACZZ	AB		B	Block resistor(33Ωx4) [BR47,49,50,51,73,75,77,79]
27	RMPTR4472ACZZ	AB		B	Block resistor(4.7KΩx4) [BR45,52]
28	UBATI0014FCZZ	AN		B	Battery(CR2477-H01) [BT1]
29	VCCCCZ1HH101J	AA		C	Capacitor(50WV 100pF) [C7,8,10,17,18,20,22,30,33]
	VCCCCZ1HH101J	AA		C	Capacitor(50WV 100pF) [C35,38,39,40,43,47,48,51]
30	VCCCCZ1HH220J	AA		C	Capacitor(50WV 22pF) [C61]
31	VCEAPH1HC105M	AC		C	Capacitor(50WV 1μF) [C181,188,205,206]
32	VCEAPS1AC227M	AD		C	Capacitor(10WV 220μF) [C309,310]
33	VCEAPS1CC106M	AC		C	Capacitor(16WV 10μF) [C1,6,21,75,94,111,125,165]
	VCEAPS1CC106M	AC		C	Capacitor(16WV 10μF) [C166,169,178,179,223,224]
34	VCEAPS1CC226M	AC		C	Capacitor(16WV 22μF) [C57,64,90,114,115]
	VCEAPS1CC226M	AC		C	Capacitor(16WV 22μF) [C136,170,176]
35	VCEAPS1CC476M	AC		C	Capacitor(16WV 47μF) [C95,167,168,180]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C3,9,11,12,13,14]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C23-29,31,32,34]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C36,37,41,42,44,45,46,49]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C50,52-56,58,59,60]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C62,63,65,66,67,68,70,71]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C72,73,74,76-82]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C85-89,91,92,93]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C96-100,102-108]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C110,112,113,116-124]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C126,127,128,130-135]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C137,139-145,149,151]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C153-164,172,173,177]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C182,183,185,186,187]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C189-199,201,202,204]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C208-222,235-262]
	VCKYCZ1CF104Z	AB		C	Capacitor(16WV 0.10μF) [C264-279,292-303]
37	VCKYCZ1HB102K	AA		C	Capacitor(50WV 1000pF) [C129]
38	VCKYCZ1HF103Z	AA		C	Capacitor(50WV 0.01μF) [C69,109]
39	VHDDAP202U/-1	AB		B	Diode(DAP202U) [D7,10]
40	VHDRB451F/-1	AD		B	Diode(RB451F) [D12,14,20,21,22]
41	VHDRLS73/-1	AA		B	Diode(RLS73) [D8,9]
42	VHI65946P07-1	BA		B	IC(65946P07) [IC32]
43	VHI74LCX08MTC	AE		B	IC(74LCX08MTC) [IC26,46]
44	VHI74LCX14MTC	AE		B	IC(74LCX14MTC) [IC43]
45	VHI74LCX244MT	AG		B	IC(74LCX244MT) [IC12]
46	VHI74LCX32MTC	AE		B	IC(74LCX32MTC) [IC11]
47	VHI74LVX16128	AP		B	IC(74LVX16128) [IC15]
48	VHI90LV17AW-1	AP		B	IC(90LV17AW) [IC18]
49	VHIDS14C238/-	AT		B	IC(DS14C238) [IC42]
50	VHIEEP64-120P	AW		B	IC(EEP64-120P) [IC36]
51	VHIHG73C095-1	AY		B	IC(HG73C095) [IC53]
52	VHIKS0U1347-1	BN		B	IC(KS0U1347) [IC19]
53	VHILCX157MT-1	AG		B	IC(LCX157MT) [IC14]
54	VHILCX16244-1	AM		B	IC(LCX16244) [IC21,49,50]
55	VHILCX16245-1	AM		B	IC(LCX16245) [IC16,24,31,51,52]
56	VHILCX16373-1	AM		B	IC(LCX16373) [IC34]
57	VHILCX74MTC-1	AE		B	IC(LCX74MTC) [IC10]
58	VHILM393D+-1	AE		B	IC(LM393D) [IC39]
59	VHILVT240MT-1	AL		B	IC(LVT240MT) [IC8]
60	VHIM87J4810-1	BK		B	IC(M87J4810) [IC25]

27 STD control PWB(ARM350U/M450U)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
61	VHIN2370R04-1	AF		B	IC(N2370R04) [IC23]
62	VHIN2370R33-1	AF		B	IC(N2370R33) [IC54]
63	VHIN2391D25-1	AG		B	IC(N2391D25) [IC33,35]
64	VHINJM317DL-1	AK		B	IC(NJM317DL) [IC2]
65	VHINJU6356E-1	AK		B	IC(NJU6356E) [IC40]
66	VHIP16C2309-1	AR		B	IC(PI6C2309) [IC9,29]
67	VHIPM2500+-1	BP		B	IC(PM2500) [IC13]
68	VHIPST598DN-1	AF		B	IC(PST598DN) [IC47]
69	VHIPST598IN-1	AF		B	IC(PST598I) [IC48]
70	VHISD4M16L1-1	AZ		B	IC(SD4M16L1) [IC22]
71	VHISD8M16L1-1	BB		B	IC(SD8M16L1) [IC4,5,6,7,27]
72	VHISR1024-7LL	AU		B	IC(SR1024-7LL) [IC55,56]
73	VHIT4955A20-1	BF		B	IC(T4955A20) [IC20]
74	VHITD62503F-1	AF		B	IC(TD62503F) [IC38,41,44,45]
75	VHP1LHEE-002A	AC		B	LED (Red)(1LHEE-002A) [D13]
76	VHV1608C2701C	AC		B	Varistor(M1608C270KT) [RV1-6]
77	VHVICPS1.2/-1	AF		B	IC protecol(ICPS1.2) [Q1]
78	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%) [R1,3,32,33,49,94,97]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%) [R106,108,120,141,166]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%) [R198,220,222,225,229]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%) [R232,233,290-307]
	VRS-CZ1JD000J	AA		C	Resistor(1/16W 0Ω ±5%) [R310-348,399,400,406]
79	VRS-CZ1JD100J	AA		C	Resistor(1/16W 10Ω ±5%) [R407,408,410,413,414]
	VRS-CZ1JD100J	AA		C	Resistor(1/16W 10Ω ±5%) [R36,59,64,65,77,96,116]
	VRS-CZ1JD100J	AA		C	Resistor(1/16W 10Ω ±5%) [R118,126,127,136,137]
80	VRS-CZ1JD101J	AA		C	Resistor(1/16W 100Ω ±5%) [R149,161,170,177,185]
	VRS-CZ1JD101J	AA		C	Resistor(1/16W 100Ω ±5%) [R9,10,101,102,109]
81	VRS-CZ1JD102J	AA		C	Resistor(1/16W 1.0KΩ ±5%) [R183,235,236,403]
	VRS-CZ1JD102J	AA		C	Resistor(1/16W 1.0KΩ ±5%) [R11,129,130,134,151,204]
82	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R205,243,244,253,268,279]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R12,13,15,16,18,20,44,45]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R60,61,62,70,72,73,86,91]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R93,112,115,123,131,139]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R144,154,158,159,160,163]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R165,167,168,203,207,208]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R213,216,217,230,237,238]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R239,240,241,242,245,246]
	VRS-CZ1JD103J	AA		C	Resistor(1/16W 10KΩ ±5%) [R249,254,259,260,261,263]
83	VRS-CZ1JD183J	AA		C	Resistor(1/16W 18KΩ ±5%) [R264,267,269,271,272,273]
	VRS-CZ1JD220J	AA		C	Resistor(1/16W 22Ω ±5%) [R274,282,283,284,285]
84	VRS-CZ1JD220J	AA		C	Resistor(1/16W 22Ω ±5%) [R275,280]
	VRS-CZ1JD220J	AA		C	Resistor(1/16W 22Ω ±5%) [R14,17,19,24,27,30,31,34]
	VRS-CZ1JD220J	AA		C	Resistor(1/16W 22Ω ±5%) [R35,37,39,40,43,46,51,54]
85	VRS-CZ1JD221J	AA		C	Resistor(1/16W 220Ω ±5%) [R57,247,252]
	VRS-CZ1JD222J	AA		C	Resistor(1/16W 2.2KΩ ±5%) [R180,181,404]
86	VRS-CZ1JD222J	AA		C	Resistor(1/16W 2.2KΩ ±5%) [R199,200,209,210,211,212]
	VRS-CZ1JD222J	AA		C	Resistor(1/16W 2.2KΩ ±5%) [R218,223,248,265,266,276]
87	VRS-CZ1JD330J	AA		C	Resistor(1/16W 33Ω ±5%) [R25,38,41,47,48,52,56,58]
	VRS-CZ1JD330J	AA		C	Resistor(1/16W 33Ω ±5%) [R66,67,68,69,92,117,138]
	VRS-CZ1JD330J	AA		C	Resistor(1/16W 33Ω ±5%) [R142,143,147,148,152,153]
	VRS-CZ1JD330J	AA		C	Resistor(1/16W 33Ω ±5%) [R173-176,187,188]
	VRS-CZ1JD330J	AA		C	Resistor(1/16W 33Ω ±5%) [R214,288,289]
88	VRS-CZ1JD332J	AA		C	Resistor(1/16W 3.3KΩ ±5%) [R119,215]
89	VRS-CZ1JD333J	AA		C	Resistor(1/16W 33KΩ ±5%) [R107,179]
90	VRS-CZ1JD470J	AA		C	Resistor(1/16W 47Ω ±5%) [R63,55,308,309]
91	VRS-CZ1JD472J	AA		C	Resistor(1/16W 4.7KΩ ±5%) [R63,71,74,76,87,100,111]
	VRS-CZ1JD472J	AA		C	Resistor(1/16W 4.7KΩ ±5%) [R121,122,124,128,133,146]
	VRS-CZ1JD472J	AA		C	Resistor(1/16W 4.7KΩ ±5%) [R162,164,184,206,221,224]
	VRS-CZ1JD472J	AA		C	Resistor(1/16W 4.7KΩ ±5%) [R226,227,228,231,250,251]
	VRS-CZ1JD472J	AA		C	Resistor(1/16W 4.7KΩ ±5%) [R262,270,277]
92	VRS-CZ1JD511J	AA		C	Resistor(1/16W 510Ω ±5%) [R278]
93	VRS-CZ1JD750J	AA		C	Resistor(1/16W 75Ω ±5%) [R114,145]
94	VRS-CZ1JD823J	AA		C	Resistor(1/16W 82KΩ ±5%) [R202]
95	VSDTC114EK/-1	AB		B	Transistor(DTC114EK) [Q3]
96	VSDTC114YK/-1	AC		B	Transistor(DTC114YK) [Q4]
97	VSUPA502T/-1	AD		B	Transistor(UPA502T) [Q5,6,7]

Index

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
[C]				
CDSKA0005FC37	17- 12	AL		D
CPNLH0020QS37	1- 26	AK	N	D
CPNLH0020QS38	1- 26	AK	N	D
CPNLH0020QS39	1- 26	AK	N	D
CPNLH0020QS40	1- 26	AK	N	D
[G]				
GCAB-0940FCZ2	1- 5	BA		D
[H]				
HPNLC0243FCZ1	1- 11	AP		D
[L]				
LANGT1407FCZ2	2- 13	AR		C
LDAIU0626FCZ2	8- 14	AK		C
LPLTM5765FCZ1	12- 35	AH		C
LPLTM6022FCZ2	11- 29	AC		C
LX-BZ0147FCZ1	2- 3	AC		C
LX-BZ0589FCZ1	3- 38	AA		C
LX-BZ0656FCZ1	10- 26	AE	N	C
LX-BZ0670FCZ1	4- 25	AC		C
LX-BZ0788FCZ1	4- 67	AC		C
LX-BZ0828FCZ2	12- 56	AD		C
LX-BZ0921FCZ1	12- 25	AE		C
LX-WZ0440FCZ2	10- 57	AC		C
[M]				
MSPRC2954FCZ1	10- 47	AA		C
MSPRC3010FCZ1	10- 16	AB		C
[N]				
NBLTH0327FCZ1	8- 38	AL		B
NBLTH0350FCZ1	8- 47	AH		B
NFANP0069FCZ2	12- 5	AV		B
"	14- 1	AV		B
"	2- 27	AV		B
"	8- 5	AV		B
NSFTZ2576FCZ1	4- 71	AL		C
[P]				
PBRSS0208FCZ1	8- 62	AH		C
PCAPH0010GCZZ	26- 1	AD		C
"	27- 1	AD		C
PCOVP1468FCZ2	26- 2	AD		C
"	27- 2	AD		C
PCOVP1555FCZ1	12- 9	AE		C
PCOVP1557FCZ2	12- 38	AC		C
PCOVP1560FCZ2	12- 37	AC		C
PCOVP1693FCZ2	14- 55	AH		C
PDUC-0165FCZ1	12- 1	AF		C
PGIDM1896FCZ1	8- 10	AV		C
PMLT-1238FCZ1	10- 48	AC		C
PMLT-1241FCZ1	11- 48	AA		C
PMLT-1244FCZ1	11- 49	AC		C
PMLT-1296FCZ2	11- 56	AH		C
PSHEP4927FCZ1	17- 13	AR		D
PSHEP4945FCZ2	12- 45	AC		C
PSHEP4962FCZ1	8- 66	AC		C
PSHEP5009FCZ2	12- 57	AC		C
PSHEZ4873FCZ1	14- 7	AC		C
PSHEZ4874FCZ1	14- 5	AC		C
PSHEZ4885FCZ1	14- 37	AB		C
PSPAZ1431FCZ2	10- 59	AA		C
PSPAZ1432FCZ2	10- 60	AA		C
PTME-0279FCZ1	2- 16	AB		C
PTME-0282FCZ1	7- 3	AH		C
PTME-0287FCZ1	2- 9	AD		C
[Q]				
QCNCM1146FCZ2	26- 4	AE		C
"	27- 3	AE		C
QCNCM1182FCZ2	26- 5	AM		C
"	27- 4	AM		C
QCNCM1183FCZ2	26- 3	AM		C
"	27- 5	AM		C
QCNCW0946FCZ2	26- 6	AH		C
"	27- 6	AH		C
QCNCW1147FCZ2	26- 7	AL		C
"	27- 7	AL		C
QCNCW1149FCZ2	26- 8	AN		C
"	27- 8	AN		C
QCNW-0201FCZ2	12- 14	AG		C
QCNW-0203FCZ2	15- 56	AD		C
QCNW-0204FCZ2	15- 55	AC		C
QCNW-0205FCZ2	15- 54	AC		C

PARTS CODE	NO.	PRICE RANK	NEW MARK	PART RANK
QFS-D132CQCZZ	26- 9	AG		A
"	27- 9	AG		A
QFSHB0028FCZZ	26- 10	AC		C
"	27- 10	AC		C
QPIN-0003GCZZ	26- 11	AC		C
"	27- 11	AC		C
QSOCZ0001QSZZ	26- 12	AL		C
"	27- 12	AL		C
QSOCZ0073FCNA	26- 13	AL		C
"	27- 13	AL		C
QSOCZ6428ACZZ	26- 14	AE		C
"	27- 14	AE		C
[R]				
RCRSP6676RCZZ	26- 15	AG		B
"	27- 15	AG		B
RCRUA0005FCZZ	26- 16	AP		B
"	27- 16	AP		B
RCRUA0007FCZZ	26- 17	AP		B
"	27- 17	AP		B
RCRUA0008FCZZ	26- 18	AP		B
"	27- 18	AP		B
RCRUA0009FCZZ	26- 19	AP		B
"	27- 19	AP		B
RCRUA0012FCZZ	26- 20	AP		B
"	27- 20	AP		B
RCRUA0014FCZZ	26- 21	AP		B
"	27- 21	AP		B
RFILN0048FCZZ	26- 22	AC		C
"	27- 22	AC		C
RFILN0051FCZZ	26- 23	AC		C
"	27- 23	AC		C
RMPTR4100ACZZ	26- 24	AB		B
"	27- 24	AB		B
RMPTR4103ACZZ	26- 25	AB		B
"	27- 25	AB		B
RMPTR4330ACZZ	26- 26	AB		B
"	27- 26	AB		B
RMPTR4472ACZZ	26- 27	AB		B
"	27- 27	AB		B
[S]				
SPAKA6272FCZZ	17- 28	AG	N	D
SPAKC6122DS37	17- 5	AU	N	D
SPAKC6122DS38	17- 5	AU	N	D
SPAKC6122DS39	17- 5	AU	N	D
SPAKC6122DS40	17- 5	AU	N	D
[T]				
TCADZ1521FCZ1	17- 6	AE		D
TINSE2061GHZZ	17- 20	AZ	N	D
TINSE2077FCZZ	17- 20	AQ	N	D
TINSE2078FCZZ	17- 20	AW	N	D
TINSE2081GHZZ	17- 20	AR	N	D
TINSE2119FCZZ	17- 20	AN	N	D
TINSE2120FCZZ	17- 20	AV	N	D
TINSE2123GHZZ	17- 20	AP	N	D
TINSE2214FCZZ	17- 20	AG	N	D
TINSE2215FCZZ	17- 20	AG	N	D
TINSE2218GHZZ	17- 20	AC	N	D
TINSE2237FCZZ	17- 20	AH	N	D
TINSE2238FCZZ	17- 20	AH	N	D
TINSE2241GHZZ	17- 20	AF	N	D
TINSG2060GHZZ	17- 20	AZ	N	D
TINSG2080GHZZ	17- 20	AR	N	D
TINSG2122GHZZ	17- 20	AP	N	D
TINSG2217GHZZ	17- 20	AC	N	D
TINSG2240GHZZ	17- 20	AF	N	D
[U]				
UBATI0014FCZZ	26- 28	AN		B
"	27- 28	AN		B
[V]				
VCCCCZ1HH101J	26- 29	AA		C
"	27- 29	AA		C
VCCCCZ1HH220J	26- 30	AA		C
"	27- 30	AA		C
VCEAPH1HC105M	26- 31	AC		C
"	27- 31	AC		C
VCEAPS1AC227M	26- 32	AD		C
"	27- 32	AD		C
VCEAPS1CC106M	26- 33	AC		C
"	27- 33	AC		C
VCEAPS1CC226M	26- 34	AC		C
"	27- 34	AC		C

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CAUTION FOR BATTERY REPLACEMENT

(Danish) ADVARSEL !
Lithiumbatteri - Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri
af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandoren.

(English) Caution !
Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type
recommended by the manufacturer.
Dispose of used batteries according to manufacturer's instructions.

(Finnish) VAROITUS
Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan
tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden
mukaisesti.

(French) ATTENTION
Il y a danger d'explosion s'il y a remplacement incorrect
de la batterie. Remplacer uniquement avec une batterie du
même type ou d'un type équivalent recommandé par
le constructeur.
Mettre au rebut les batteries usagées conformément aux
instructions du fabricant.

(Swedish) VARNING
Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent
typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens
Instruktion.

(German) Achtung
Explosionsgefahr bei Verwendung inkorrektter Batterien.
Als Ersatzbatterien dürfen nur Batterien vom gleichen Typ oder
vom Hersteller empfohlene Batterien verwendet werden.
Entsorgung der gebrauchten Batterien nur nach den vom
Hersteller angegebenen Anweisungen.

CAUTION FOR BATTERY DISPOSAL

(For USA, CANADA)
Contains lithium-ion battery. Must be disposed of properly.
Remove the battery from the product and contact
federal or state environmental
agencies for information on recycling and disposal options.

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