

## S6. Replacement Parts List

- Note:
1. \*Be sure to make your orders of replacement parts according to this list.
  2. **IMPORTANT SAFETY NOTICE**  
Components identified with the mark  $\triangle$  have the special characteristics for safety.  
When replacing any of these components, use only the same type.
  3. Unless otherwise specified,  
All resistors are in OHMS, K=1,000 OHMS. All capacitors are in MICRO-FARADS (uf), P=uuF.
  4. The marking (RTL) indicates the retention time is limited for this item. After the discontinuation of this assembly in production, it will no longer be available.
  5. Supply of CD-ROM, in accordance with license protection, is allowable as replacement parts only for customers who accidentally damaged or lost their own.

**E.S.D. standards for Electrostatically Sensitive Devices, refer to PREVENTION OF ELECTROSTATIC DISCHARGE (ESD) TO ELECTROSTATICALLY SENSITIVE (ES) DEVICES section.**

**Definition of Parts supplier:**

1. **Parts marked with [ENERGY] in the remarks column are supplied from Panasonic Corporation Energy Company.**

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
##	VEP56102A	MAIN P.C.B.	1	(RTL) E.S.D.
##	VEP51026A	SD CARD P.C.B.	1	(RTL) E.S.D.
##	VEP50063A	GYRO P.C.B.	1	(RTL) E.S.D.
##	VEP50059B	TOP OPERATION P.C.B.	1	(RTL) E.S.D.
##	VEP58112A	FLASH P.C.B.	1	(RTL) E.S.D.
##	VEK0P93	CCD U	1	
##	VEP51026A	SD CARD P.C.B.		(RTL) E.S.D.
C6402	F1J0J226A014	C.CAPACITOR CH 6.3V 22U	1	
FP6401	K1MY15BA0235	CONNECTOR 15P	1	
P6401	K1NA09E00038	CONNECTOR 9P	1	
R9913	ERJ2GEJ512X	M.RESISTOR CH 1/16W 5.1K	1	
ZB9901	K3ZZ00200042	BATTERY HOLDER	1	
##	VEP50063A	GYRO P.C.B.		(RTL) E.S.D.
C9701	F1H0J475A010	C.CAPACITOR CH 6.3V 4.7U	1	
C9702	F1G1H1020008	C.CAPACITOR CH 50V 1000P	1	
FP9701	K1MN04BA0208	CONNECTOR 4P	1	
IC9701	L2ES00000021	IC	1	E.S.D.
##	VEP50059B	TOP OPERATION P.C.B.		(RTL) E.S.D.
C7301	F1H0J475A010	C.CAPACITOR CH 6.3V 4.7U	1	
C7302	F1G1E102A086	C.CAPACITOR CH 25V 1000P	1	
D9901	B3ADB0000142	DIODE	1	E.S.D.
ET9901	K4AC01D00001	EARTH SPRING	1	
ET9902	K4AC01D00001	EARTH SPRING	1	
ET9903	N9ZZ00000333	EARTH SPRING	1	
FP9902	K1MN04BA0208	CONNECTOR 4P	1	
IC7301	L2ES00000022	IC	1	E.S.D.
LB9913	J0JCC0000415	FILTER	1	
PS9901	K1KB40AA0123	CONNECTOR 40P	1	
PS9903	K1KB20AA0094	CONNECTOR 20P	1	
R9901	ERJ2GEJ112	M.RESISTOR CH 1/16W 1.1K	1	
R9902	ERJ2GEJ152	M.RESISTOR CH 1/16W 1.5K	1	
R9903	ERJ2GEJ182	M.RESISTOR CH 1/10W 1.8K	1	
R9904	ERJ2GEJ242	M.RESISTOR CH 1/16W 2.4K	1	
R9905	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1	
R9906	ERJ2GEJ512X	M.RESISTOR CH 1/16W 5.1K	1	
R9907	ERJ2GEJ822	M.RESISTOR CH 1/10W 8.2K	1	
R9908	ERJ2GEJ163	M.RESISTOR CH 1/16W 16K	1	
R9909	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R9910	ERJ2GEJ332	M.RESISTOR CH 1/16W 3.3K	1	
R9911	ERJ2RHD682X	M.RESISTOR CH 1/10W 6.8K	1	
R9912	ERJ2GEJ223	M.RESISTOR CH 1/16W 22K	1	
R9921	D0YAR0000007	M.RESISTOR CH 1/10W 0	1	
R9924	ERJ3GEY0R00	M.RESISTOR CH 1/10W 0	1	
R9928	ERJ3GEYJ100	M.RESISTOR CH 1/10W 10	1	
R9929	ERJ3GEYJ100	M.RESISTOR CH 1/10W 10	1	
S9901	K0MZ26000005	SWITCH	1	
S9902	K0D112B00145	SWITCH	1	
S9904	K0G199A00012	SWITCH	1	

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
##	VEP58112A	FLASH P.C.B.		(RTL) E.S.D.
C8001	ECJ1VB1A105K	C.CAPACITOR CH 10V 1U	1	
C8006	F1K2E4730005	C.CAPACITOR 250V 0.047U	1	
C8007	F1G1H270A557	C.CAPACITOR CH 50V 27P	1	
C8009	F1J1A106A024	C.CAPACITOR CH 10V 10U	1	
D8002	MA2YF8000L	DIODE	1	E.S.D.
△ F8001	ERBSE1R25U	FUSE 32V 1.25A	1	
△ F8002	ERBSE1R50U	FUSE 32V 1.5A	1	
IC8101	C0ZBZ0001710	IC	1	E.S.D.
P8002	K4ZZ04000051	CONNECTOR 4P	1	
PP8001	K1KY20AA0340	CONNECTOR 20P	1	
Q8001	B1JBLP000023	TRANSISTOR	1	E.S.D.
R8001	ERJ6GEY0R00V	M.RESISTOR CH 1/8W 0	1	
R8002	ERJ3GEYJ104	M.RESISTOR CH 1/10W 100K	1	
R8003	ERJ3GEYJ470	M.RESISTOR CH 1/10W 47	1	
R8005	ERJ6GEYJ514	M.RESISTOR CH 1/10W 514K	1	
R8006	ERJ6GEYJ514	M.RESISTOR CH 1/10W 514K	1	
R8013	ERJ2RHD2871	M.RESISTOR CH 1/16W 2870	1	
R8021	ERJ2GEJ473	M.RESISTOR CH 1/16W 47K	1	
R8032	D1BD8203A119	SURFACE MOUNTING PRECISIO	1	
T8001	G5D1A0000080	TRANSFORMER	1	
T8002	G5F1A0000026	INDUCTOR	1	
##	VEK0P93	CCD U		
C3101	F1H1C105A097	C.CAPACITOR CH 16V 1U	1	
Q3101	UP05C8B00L	TRANSISTOR	1	E.S.D.
R3101	ERJ2GEJ470	M.RESISTOR CH 1/16W 47	1	
R3102	ERJ2GEJ222	M.RESISTOR CH 1/10W 2.2K	1	
R3107	ERJ2GEJ132	M.RESISTOR CH 1/10W 1.3K	1	
R3108	ERJ2GEJ560X	M.RESISTOR CH 1/10W 56	1	
TH3101	D4CC11030026	THERMISTORS	1	
---- OTHER ELECTRICAL PART -----				
ET8001	VMB4252	EARTH SPRING	1	
ET8002	VMP9560	FLASH EARTH PLATE	1	



Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
301	VPF1386	CAMERA BAG	1		△ 318	VQT2K39	O/I SOFTWARE	1	EG
△ 302	DE-A66AA	BATTERY CHARGER	1	EG,EB,EF,EP,GN					(GERMAN/ITALIAN/FRENCH/ DUTCH/SPANISH/PORTUGUESE)
△ 302	DE-A66BB	BATTERY CHARGER	1	EE,GC,GH,GK	△ 318	VQT2K42	O/I SOFTWARE	1	EB,GN
△ 302	DE-A65BA	BATTERY CHARGER	1	P,PC,PU					(ENGLISH)
303	VQL2C67	OPERATING LABEL	1	PC	△ 318	VQT2K43	O/I SOFTWARE	1	EE
△ 304	----	BATTERY PACK	1	EG,EB,EE,EF,EP,GC,GN,PU, GH (Not supplied)	△ 318	VQT2K41	O/I SOFTWARE	1	EF
△ 304	----	BATTERY PACK	1	P,PC (Not supplied)					(FRENCH)
△ 304	----	BATTERY PACK	1	GK (Not supplied)	△ 318	VQT2K40	O/I SOFTWARE	1	EP
305	K1HA08AD0002	USB CABLE	1						(FINNISH/SWEDISH/DANISH/ POLISH/CZECH/HUNGARIAN)
306	K1HA08CD0028	AV CABLE	1		△ 318	VQT2K44	O/I SOFTWARE	1	GC,GH
307	VFC4297	HAND STRAP	1						(ENGLISH/ CHINESE(TRADITIONAL)/ ARABIC/PERSIAN)
△ 308	VFF0599-S	CD-ROM (SOFT AND INSTRUCTION BOOK)	1	EG,EB,EF,EP See "Notes"	△ 318	VQT2K37	O/I SOFTWARE	1	P,PC
△ 308	VFF0600-S	CD-ROM (SOFT AND INSTRUCTION BOOK)	1	EE See "Notes"	△ 318	VQT2K38	O/I SOFTWARE	1	PU
△ 308	VFF0601-S	CD-ROM (SOFT AND INSTRUCTION BOOK)	1	GC,GN,GH See "Notes"	△ 318	VQT2K89	O/I SOFTWARE	1	GK
△ 308	VFF0598-S	CD-ROM (SOFT AND INSTRUCTION BOOK)	1	P,PC,PU See "Notes"					(SPANISH/PORTUGUESE)
△ 308	VFF0602-S	CD-ROM (SOFT AND INSTRUCTION BOOK)	1	GK See "Notes"					(CHINESE(SIMPLIFIED))
310	YGQ0E45	BATTERY CARRYING CASE	1						
311	VPK4367	PACKING CASE	1	EGS,EBS,EES,EPS,GCS,GNS					
311	VPK4371	PACKING CASE	1	EGK,EBK,EEK,EFK,EPK,GCK, GNK					
311	VPK4366	PACKING CASE	1	PS,PCS					
311	VPK4370	PACKING CASE	1	PK,PCK					
311	VPK4368	PACKING CASE	1	PUS,GHS					
311	VPK4372	PACKING CASE	1	PUK,GHK					
311	VPK4369	PACKING CASE	1	GKS					
311	VPK4373	PACKING CASE	1	GKK					
313	VPN6998	CUSHION	1	EG,EB,EE,EF,EP,GC,GN,PU, GH,GK					
313	VPN7016	CUSHION	1	P,PC					
314	VPF1230	POLYETHYLENE COVER	1						
△ 315	VQT2S94	BASIC O/I	1	EG (GERMAN/FRENCH)					
△ 315	VQT2S95	BASIC O/I	1	EG (ITALIAN/DUTCH)					
△ 315	VQT2S96	BASIC O/I	1	EG (SPANISH/PORTUGUESE)					
△ 315	VQT2S97	BASIC O/I	1	EG (TURKISH)					
△ 315	VQT2T02	BASIC O/I	1	EB (ENGLISH)					
△ 315	VQT2T03	BASIC O/I	1	EE (RUSSIAN/UKRAINIAN)					
△ 315	VQT2T01	BASIC O/I	1	EF (FRENCH)					
△ 315	VQT2S98	BASIC O/I	1	EP (SWEDISH/DANISH)					
△ 315	VQT2S99	BASIC O/I	1	EP (POLISH/CZECH)					
△ 315	VQT2T00	BASIC O/I	1	EP (HUNGARIAN/FINNISH)					
△ 315	VQT2T04	BASIC O/I	1	GC,GH (ENGLISH/ CHINESE(TRADITIONAL))					
△ 315	VQT2T05	BASIC O/I	1	GC (ARABIC/PERSIAN)					
△ 315	VQT2T07	BASIC O/I	1	GN (ENGLISH)					
△ 315	VQT2S91	BASIC O/I	1	P (ENGLISH/SPANISH)					
△ 315	VQT2S92	BASIC O/I	1	PC (ENGLISH/CANADIAN FRENCH)					
△ 315	VQT2S93	BASIC O/I	1	PU (SPANISH/PORTUGUESE)					
△ 315	VQT2T06	BASIC O/I	1	GK (CHINESE(SIMPLIFIED))					
△ 317	K2CQ29A00002	AC CORD	1	EG,EE,EF,EP,GC					
△ 317	K2CT39A00002	AC CORD	1	EB,GC,GH					
△ 317	K2CJ29A00002	AC CORD	1	GN					
△ 317	K2CA2Y00070	AC CORD	1	GK					

# S7. Exploded View

## S7.1. Frame and Casing Section



