



Shenzhen Freetalker Industry Co., Ltd.

BOM

Doc.No.RFK-F-044/A/0

Item NO.:R8-462M RFK-035 (HQ-01) ,black front shell and back shell&red front case, Description:handheld walkie talkie (United States 462M) 0.5 W with USB charge Edition: A0

Degree	Article No.	Description&specification	Pack age	side A Amount	side A position	side A Amount	side B position	Total Amount
0	R80000UBR1RF3500	R8-462M, finished product packing,United States frquency,462M,red,RFK-035(HQ-01),black front shell and black shell&red front case,double color box packing AO edition		1				1
.1	R80000UBRLRF3500	R8-462M bare item, United States Frequency 462M,red, RFK-035 for client AOedition, Neutral		1				1
..2	7002R8000U00	Handheld walkie talkie R8-462M RFK-035 for client,assembly electrolic table, A0 eidition		1				1
...3	M02R050L1000	R05 LCD Tin 0.3(T)*19.5(W)*26.0(L)*10.5(H)		1				1
...3	E16DBH05HP11	R7 LCD 25*16*18.5MM*1.1 HTN FSTN translucentH50379(RF60184)		1				1
...3	R03R05070201	R05 LCD conductive rubber(YSP) foam with red double-faced 20X2X7.2mm		1				1
...3	M07R80046212	R8-462M phosopher copper antenna spring 0.6xΦ6.6(OD)x14T screw pitch 2mm,weld leg length:36.5mm.weld leg length 3mm		1				1
...3	E12111312805	ironclad hornΦ28*5MM 16Ω0.5W		1				1
...3	A01SP0142000	black sponge with gum in one side Φ:14,H:2.0		1				1
...3	A02SP2500100	non-woven fabric dustproof netΦ 25*0.1(thickness)		1				1
...3	A01TF200R510	black sponge with gum in one side 20*10*0.5(thickness)		1				1



Shenzhen Freetalker Industry Co., Ltd.

Doc.No.RFK-F-044/A/0

BOM

Item NO.:R8-462M RFK-035 (HQ-01) ,black front shell and back shell&red front case, Description:handheld walkie talkie (United States 462M) 0.5 W with USB charge Edition: A0

Degree	Article No.	Description&specification	Pack age	side A Amount	side A position	side A Amount	side B position	Total Amount
...3	M08R8001SN01	R8 positive battery plate 0.2mm hardened manganese nickelsteel		1				1
...3	M08R8002SN01	R8 negative battery plate 0.2mm hardened manganese steel nickelsteel		1				1
...3	M08R0503SN01	R7Y05 positive and negative battery shall 0.2mm hardened manganese steel nickelsteel		1				1
...3	M08R0504SN01	R7Y05 negative and positive battery shall 0.2mm hardened manganese steel nickelsteel		2				2
...3	M13PB2380111	screw PB2.3*8,cross head,Electroless Nicklesteel, black		4				4
...3	R01R80MP159C1	R8 Menu key,black silica gel,hardness 50 degrees,silk screen white characters.		1				1
...3	R01R80PT11S5C	R8 PTT key,silica gel(black)hardness 50 degrees		1				1
...3	E18113221030	#32 UL1571 red electron wireL=30MM,thread residue1.5MM		1				1
...3	E18113201030	#32 UL1571 black electron wire		1				1

...3	9006R8000U04	Handheld walkie talkie,R8-462MHZ RFK-035, Common PCBA, V04						0
...4	E11148216050	Omnidirectional microphone -48dB±2dB 6.0*5.0(Hight)MM with pins. HM6050P-423-G	DIP			1	MIC1	1
...4	E06D05015B01	Φ5 LED with pins white with white light		1	D1			1
...4	9015R8000U04	Handheld walkie talkie,R8-462MHZ RFK-035 for clinet, Common PCBA, V04 version						0



Shenzhen Freetalker Industry Co., Ltd.

BOM

Doc.No.RFK-F-044/A/0

Item NO.:R8-462M RFK-035 (HQ-01) ,black front shell and back shell&red front case, Description:handheld walkie talkie (United States 462M) 0.5 W with USB charge Edition: A0

Degree	Article No.	Description&specification	Pack age	side A Amount	side A position	side A Amount	side B position	Total Amount
.....5	E20R800021P4	R8_V04 PCB,2 layer fibreboard,Immersion Gold,1 ounce copper,65.7*47*1mm(thickness) , Insulating oil: Purple imposition Size: 123.5*152 1 fight	Through hole	1				1
.....5	E011S2000005	Chip Resistors 0R±5%	0402	1	R41			1
.....5	E011S2100005	Chip Resistors 10R±5%	0402	1	R30			1
.....5	E011S4000005	Chip Resistors 0R±5%	0805	1	R4			1
.....5	E011S2470105	Chip Resistors 470R±5%	0402	1	R44	1	R27	2
.....5	E011S2680105	Chip Resistors680R±5%	0402	2	R1 R5			2
.....5	E011S3220005	Chip Resistors 22R±5%	0603	2	R9 R16			2
.....5	E011S2100205	Chip Resistors1K±5%	0402	1	R40			1
.....5	E011S2180205	Chip Resistors 1.8K±5%	0402	1	R7			1
.....5	E011S2220205	Chip Resistors2.2K±5%	0402	1	R38			1
.....5	E011S2100305	Chip Resistors 10K±5%	0402	3	R15 R17 R2			3
.....5	E011S2120305	Chip Resistors 12K±5%	0402	1	R23			1
.....5	E011S2220305	Chip Resistors 22K±5%	0402	2	R21 R22			2
.....5	E011S2270305	Chip Resistors 27K±5%	0402	1	R28			1
.....5	E011S2470305	Chip Resistors 47K±5%	0402	5	R34 R29 R92 R3 R25			5
.....5	E011S2100405	Chip Resistors 100K±5%	0402	9	R6 R33			9
.....5	E011S2180405	Chip Resistors 180K±5%	0402	1	R24			1
.....5	E011S2330405	Chip Resistors 330K±5%	0402	1	R11			1
.....5	E011S2470405	Chip Resistors 470K±5%	0402	1	R18			1
.....5	E011S2560405	Chip Resistors 560K±5%	0402	2	R37 R35			2
.....5	E011S2100505	Chip Resistors 1M±5%	0402	1	R36			1
.....5	E041S2501511	Chip capacitors 1.5PF NPO ±0.25PF 50V	0402	1	C99			1
.....5	E041S2506011	Chip capacitors 6PF NPO ±0.5PF 50V	0402	2	C19 C98			2
.....5	E041S2508011	Chip capacitors 8PF NPO ±0.5PF 50V	0402	1	C97			1
.....5	E041S2510002	Chip capacitors 10PF NPO ±5% 50V	0402	3	C65 C56 C82			3
.....5	E041S2512003	Chip capacitors12PF NPO ±5% 50V	0402	1	C37			1
.....5	E041S2515003	Chip capacitors15PF NPO ±5% 50V	0402	2	C69 C14			2
.....5	E041S2518003	Chip capacitors 18PF NPO ±5% 50V	0402	1	C13			1
.....5	E041S2520003	Chip capacitors 20PF NPO ±5% 50V	0402	1	C63			1
.....5	E041S2533003	Chip capacitors 33PF NPO ±5% 50V	0402	2	C43 C44			2



Shenzhen Freetalker Industry Co., Ltd.

BOM

Doc.No.RFK-F-044/A/0

Item NO.:R8-462M RFK-035 (HQ-01) ,black front shell and back shell&red front case, Description:handheld walkie talkie (United States 462M) 0.5 W with USB charge Edition: A0

Degree	Article No.	Description&specification	Pack age	side A Amount	side A position	side A Amount	side B position	Total Amount
.....5	E041S2510013	Chip capacitors 100PF NPO ±5% 50V	0402	15	C2 C3 C6 C25 C27 C33 C34			15
.....5	E041S2522014	Chip capacitors 220PF X7R ±10% 50V	0402	2	C55 C24			2
.....5	E041S2527014	Chip capacitors 270PF X7R ±10% 50V	0402	1	C38			1
.....5	E041S2547014	Chip capacitors 470PF X7R ±10% 50V	0402	4	C23 C95 C58 C40			4
.....5	E041S2510024	Chip capacitors 1NF X7R ±10% 50V	0402	6	C18 C39 C57 C67 C47 C40			6
.....5	E041S2510034	Chip capacitors 10NF X7R±10% 50V	0402	2	C62 C53	2	C11 C15	4
.....5	E041S2547034	Chip capacitors 47NF X7R±10% 25V	0402	2	C16 C50			2
.....5	E041S2510046	Chip capacitors 100NF Y5V +80,-20% 25V	0402	11	C17 C42 C52 C70			11
.....5	E041S3510056	Chip capacitors 1UF Y5V +80%,-20% 25V	0603	2	C20 C30			2
.....5	E041S4310066	Chip capacitors 10UF Y5V +80%,-20% 10V	0805	2	C71 C35			2
.....5	E041S3347056	Chip capacitors 4.7UF Y5V +80%,-20% 10V	0603	1	C8			1
.....5	E041S4522066	Chip capacitors 22UF Y5V +80%,-20% 25V	0805	2	C5 C12			2
.....5	E041S6422066	Chip capacitors 22UF Y5V +80%,-20% 10V	1206	3	C22 C32 C79			3
.....5	E053S3351540	SMD coil 0.35 * 1.5 * 4T PEW SMD Taping	SMD	3	L2 L18 L19			3
.....5	E051S3047105	Chip inductors 4.7NH ±5% (ceramics)	0603	1	L4			1
.....5	E051S3068105	Chip inductors 6.8NH ±5% (ceramics)	0603	1	L16			1
.....5	E051S3150005	Chip inductors 15NH ±5% (ceramics)	0603	2	L11 L7			2
.....5	E051S3220005	Chip inductors 22NH ±5% (ceramics)	0603	1	L1			1
.....5	E051S3560005	Chip inductors 56NH ±5% (ceramics)	0603	1	L6			1
.....5	E051S3220105	Chip inductors 220NH ±5% (ceramics)	0603	1	L8			1
.....5	E24S21001101	Chip Beads,0402(101T) 100Ω @100MHZ,current 150mA	0402	1	L10			1
.....5	E24S41001101	Chip Beads,0805,(101T) 100Ω @100MHZ,电 current 500mA	0805	1	L12			1
.....5	E02S600BA592	diode BA592	SOD-323	2	D2 D4			2
.....5	E02S601N5819	Schottky diodes 1N5819 low current	SOD-123	1	D3			1
.....5	E06S03010201	SMD LED front with red light	0603			2	D5 D7	2



Shenzhen Freetalker Industry Co., Ltd.

BOM

Doc.No.RFK-F-044/A/0

Item NO.:R8-462M RFK-035 (HQ-01) ,black front shell and back shell&red front case, Description:handheld walkie talkie (United States 462M) 0.5 W with USB charge Edition: A0

Degree	Article No.	Description&specification	Pack age	side A Amount	side A position	side A Amount	side B position	Total Amount
.....5	E03S30PRF957	Transistor PRF957 "W2t"	SOT-323	1	Q6			1
.....5	E03S4DTC114E	Transistor DTC114EE	SOT-416	2	Q4 Q7			2
.....5	E03S4DTA114Y	Transistor DTA114YE	SOT-416	3	Q3 Q2 Q1			3
.....5	E03S202SB624	Transistor 2SB624	SOT	1	Q5			1
.....5	E07RD008B001	MCU MC80F7708AQ MQFP44 slikscreen "FREETALKER" logo	MQFP44	1	U3			1
.....5	E0700SBK4832	IC BK4832 DFN 3*3 10PIN	QFN	1	U5			1
.....5	E0700SBK4811	IC BK4811 QFN 4*4 24PIN	QFN	1	U1			1
.....5	E0700AT24C08	IC EEPROM AT24C08 Taping	SOP-8	1	IC2			1
.....5	E07S0MC34119	IC MC34119 SOP-8 silkreen logo:HLF Taping	SOP-8	1	U2			1
.....5	E071134A302M	LN1134A302MR 3V LDO 300mA	SOT-25	1	U7			1
.....5	E07S00LC1463	LC1463CB5ATR30 3V LDO "F03x"						
.....5	E144MC5BF352	Micro Chip USB sockey 7.2 No Column, With curling Tinning,high temperature	SMD	1	J5			1
.....5	E08180217003	TXCO 21.70MHz,±2.5PPM SMD3225		1	Y3			1
.....5	E081A4400533	Crystal 4M±20PPM CL=20PF -10~+60℃ 49-SMD H (hight) =4mm Taping	49-SMD	1	Y1			1
....4	9015R8KEY003	Handheld walkie talkie R8-PTT key board,PCBA V3						0
.....5	E20R80002203	R8_PTT_V3 PCB,2 layers fibreboard,Duplex HASL, 1 ounce copper,7*22.5*1mm(Thinkness), Insulating oil: Purple imposition Size: 70*99.95 1 fight 40		1				1
.....5	E1511204CS24	SMD Stewed switch IT-1204C SMD Taping RoHs, high temperature 4.8*4.8*0.75(H) 120-150gf	SMD	1	K1			1
..2	7003R8000U01	Handheld walkie talkie R8 RFK-035 black front shell and back shell&red front case Plastic assembly table		1		0		



Shenzhen Freetalker Industry Co., Ltd.

BOM

Doc.No.RFK-F-044/A/0

Item NO.:R8-462M RFK-035 (HQ-01) ,black front shell and back shell&red front case, Description:handheld walkie talkie (United States 462M) 0.5 W with USB charge Edition: A0

Degree	Article No.	Description&specification	Pack age	side A Amount	side A position	side A Amount	side B position	Total Amount
...3	P01R8011N000	R8 Front shell ABS black		1				1
...3	P02R8011N000	R8 back shell ABS black		1				1
...3	P03R8011N000	R8 battery cover ABS black		1				1
...3	P21R8011N000	R8 Belt clip ABS black		1				1
...3	P36R801RN000	R8 Decorative front case ABS red without		1				1
...3	P08R805TN000	R8 LCD backlight PC		1				1
...3	P07R8055TN00	R8 Window PC		1				1