

Item	Name	Quantit	Note	Code Name	Change
E1CD	CE-100μF/16V±20%	4	C58.C59.C72.C60		
E1CD	CE-220μF/16V±20%	1	C57		
E1CS	CC-5P6/0603/10V/NPO±5%	8	C22.26.27.30.31.34.38.39		
E1CS	CC-5P6/0603/10V/NPO±5%	8	C40.42.43.44.45.46.47.48		
E1CS	CC-5P6/0603/10V/NPO±5%	8	C49.50.51.52.53.54.74.78		
E1CS	CC-5P6P0603/10V/NPO±5%	9	C2.4.5.7.10.12.15.20.21		
E1CS	CC-20P/0603/10V/NPO±5%	2	C29.C32		
E1CS	CC-150P/0603/10V/NPO±5%	1	C18		
E1CS	CC-102/0603/10V/X7R±10%	3	C64.65.66		
E1CS	CC-392/0603/10VX7R±10%	1	C71		
E1CS	CC-103/0603/10V/X7R±10%	8	C8.C24.C25.C35.C36.C67.C76.C77		
E1CS	CC-473/0603/10V/X7R±10%	1	C70		
E1CS	CC-104/0603/10V/X7R±10%	6	C14.C55.C56.C62.C63.C73		
E1CS	CC-224/0603/10V/X7R±10%	1	C28		
E1CS	CC-105/0603/10V/Y5V±20%	1	C23		
E1CS	CC-225/0603/10V/Y5V±20%	5	C3.16.C17.C19.C75		
E1CS	CT-10UF/1206±20%(10V)	1	C11		
E1RS	RC-0603-0Ω	7	R13.14.15.17.19,C33,R16(1.8/1.9G No use) , R18(2G4 No use)		
E1RS	RC-0603-10Ω±5%	1	R11		
E1RS	RC-0603-100Ω±5%	1	R3.		
E1RS	RC-0603-330Ω±5%	1	R53		

E1RS	RC-0603-1K±5%	5	R46.R5.R6.R7.R31???		
E1RS	RC-0603-2K2±5%	1	R4		
E1RS	RC-0603-3K3±5%	3	R52, 23, 24		
E1RS	RC-0603-10K±5%	5	R12.21.22.38.49		
E1RS	RC-0603-12K±5%	2	R29.30		
E1RS	RC-0603-15K±5%	2	R47.48		
E1RS	RC-0603-24K±5%	2	R32.33		
E1RS	RC-0603-100K±5%	2	R9.43		
E1RS	RC-0603-120K±5%	2	R10.27		
E1RS	RC-0603-200K±5%	1	R44		
E1RS	RC-0603-220K±5%	1	R20		
E1RS	RC-0603-300K±5%	1	R37		
E1RS	RC-0603-1M±5%	1	R34		
E1RS	RC-0603-10M±5%	2	R39.40		
E1RS	RC-0805-5.6Ω±1%	1	R8		
E1US	CRK wireless module group (4268/416	1	U3(4268-2.4G/4169-1.8, 1.9G)		
E1US	SC1443CRKPP-PQFP80	1	U1		
E1US	24C32-SOP8	1	U2 (24C32-1.8V)		
E1US	HT95A10P-SOP28	1	U4		
E1VS	AMC7637-3.0 SOT23	1	U5		
E1VS	BC807-40W-SOT323	2	V2.V3		
E1VS	S9014-SOT23(β:200-300)	3	V5.8.V9		
E1VS	SS8050-SOT23(β:200-350)	1	V4		
E1VS	SS8550-SOT23(β:200-350)	1	V1		
E2DS	4007 SMD	2	D5.D6		
E2DS	5V1/0.5W SMD	1	Z1		

E2DS	LL4148	2	D7.D8		
EOS	crystal oscillator: 10.368MHz SMD	1	<b>G1</b>		
EOS	301 magnetic beads /0805	4	R28.50.51.L1		
EOS	SMT LED diode (1206)	4	LED1.LED2.LED3.LED4 (Blue)		
EP	PCB (HWDCD48/38-H)	1	Main board PCB		
EO	Crystal oscillator--32.768kHz(package t	1	G2		
JC	battery socket	1	EH PH2.5 2 core 90 degree socket		
EP	CRK universal PCB for slave unit	1	handset		
EO	SPK1 Loudspeaker (inter-magnetic)	1	25Ω-0.25W、diameter 27mm		
EO	Handset antenna	1	E1 DIY, (consumables)		
			B1 SD153B/SD-20/SD-20H (The length of lead wire isn't less than 120mm)		
EO	Receiver (SD157BH-2)	1			
EO	Sender (High frequency)	1	Fom9767L15-2Rc10-RS		
EO	LED diode (φ3 Red)	1	D8 (no sidestep, for slave unit, short p		
			Ni-MH/AAA/700mA/h((Socket working with EH PH2.5 2 pin 90 degree socket)		
EO	Charge battery	1			
JL	RV0.15×7 Red: 60mm	3	receiver/charge/antenna		
JL	RV0.15×7 Black: 60mm	3	receiver/charge/antenna		
JL	RV0.15×7 Red: 100mm	2	microphone、sender		
JL	RV0.15×7 Red: 100mm	2	microphone、sender		

	foam cotton	1	40x30x4.5		
JS	handset epivalve(slave unit)	1			
JS	handset hypovalve(slave unit)	1			
JS	battery cover (slave unit handset)	1			
JX	handset gag $\phi$ 6.5	1	undertone casing, use Cream, dark ca	RBI8.656.002	
JG	screw ST2*5 (plating white zinc)	2	Handset PCB		
JG	screw ST2.5*6 (plating white zinc)	2	microphone 2		
JG	screw ST2.9*6 (plating white zinc)	3	handset PCB 2,antenna		
JG	screw ST2.9*8 (with washer)	2	receiver2		
JG	screw ST2.9*8 (plating nickel)	4	whole set 2, battery cover 2,		
JG	washer	4	$\phi$ 3/ $\phi$ 10- H1, microphone2, receiver2		
JX	conductive rubber	1	especially for cordless		
JG	electric slice(handset)	2	especially for cordless handset	RBI7.752.040	
JX	liner( handset microphone)	1	Rubber, only for cordless phone , $\phi$ 27	RBI8.683.073	
JX	liner (receiver)	1	foam cotton, $\phi$ 27/ $\phi$ 17/ $\phi$ 10/ $\phi$ 4-H1.5	foam	
JX	(liner sender)	1	Same as -00	RBI8.683.052	
Note:	box lable, carton lable, packaging bag liner (slave unit), packaging carton				
	(slave unit), packaging carton (salve unit), three guarantee certificate				
	will be used only the slave unit is individual packed.				

### BOM of HWD9888(38)TSD Slave Unit

Item	Name	Quantity	Note	producer	Change
E1CS	CC-1P/0402/50V/NPO±0.1PF	1	C213	Murata	
E1CS	CC-1.2P/0402/50V/NPO±0.1P	3	C222. C234. C254	Murata	
E1CS	CC-1P8/0402/50V/NPO±0.1P	1	C263	Murata	
E1CS	CC-3P/0402/50V/NPO±0.1P	1	C258	Murata	
E1CS	CC-2P7/0402/50V/NPO±0.1P	2	C262. C264	Murata	
E1CS	CC-10P/0402/50V/NPO±0.5P	38	C200. C201. C202. C203. C204. C206. C210. C211. C216. C219. C221. C225. C226. C230. C231. C232. C235. C236. C237. C238. C239. C240. C241. C242. C243. C244. C246. C256. C265. C267. C268. C270. C271. C272. C275. C281. C282. C284	Murata	
E1CS	CC-47P/0402/50V/NPO±5%	4	C220.C227.C247.C252.	Murata	
E1CS	CC-470P/0402/50V/NPO±5%	1	C207	Murata	
E1CS	CC-103/0402/25V/X7R±10%	2	C209.C228	Murata	
E1CS	CC-333/0402/16V/X7R±10%	1	C257	Murata	
E1CS	CC-104/0402/10V/X7R±10%	8	C205. C229. C233. C245. C248. C276. C277. C283	Murata	
E1CS	CC-47P/0603/50V/NPO±5%	1	C259	Murata	
E1CS	CC-472/0805/25V/50V/NPO±5%	1	C208	Murata	
E1CS	CC-2.2UF/0805/10V/X7R±10%	1	C269	Murata	
E2DS	DIODE PIN SOT323 BAP64-05we6237	2	D200. D201	philips	
E1RS	RC-0402-0 Ω	8	R204. R214. R215. R216. R218. R220. R224. R225	Rohm	
E1RS	RC-0402-47 Ω ±5%	3	R212. R213. R222	Rohm	
E1RS	RC-0402-100 Ω ±5%	1	R219	Rohm	
E1RS	RC-0402-220 Ω ±5%	1	R209	Rohm	
E1RS	RC-0402-330 Ω ±5%	1	R211	Rohm	
E1RS	RC-0402-390 Ω ±5%	2	R205. R206	Rohm	
E1RS	RC-0402-470 Ω ±5%	2	R201. R217	Rohm	

E1RS	RC-0402-4K7 $\pm$ 5%	1	R203	Rohm
E1RS	RC-0402-62K $\pm$ 1%	1	R200	Rohm
E1US	MAAPSS0071 DECT POWER AMPLIFIER 1880-1930M	1	IC202 (FQFP-N12P)	Rohm
E1US	LMX4169 RADIO TRANSCEIVER DECT	1	IC201 (LLP44)	National SC
EOS	CHIP 0402-22nH $\pm$ 2.0%	1	L201	M/A-COM
EP	PCB(double faced)	1	RF-PCB	
JO	NS-RF-001(shield for top)	1		
JO	NS-RF-002(shield for bottom)	1		