

IBBK

CA-220

SERVICE MANUAL

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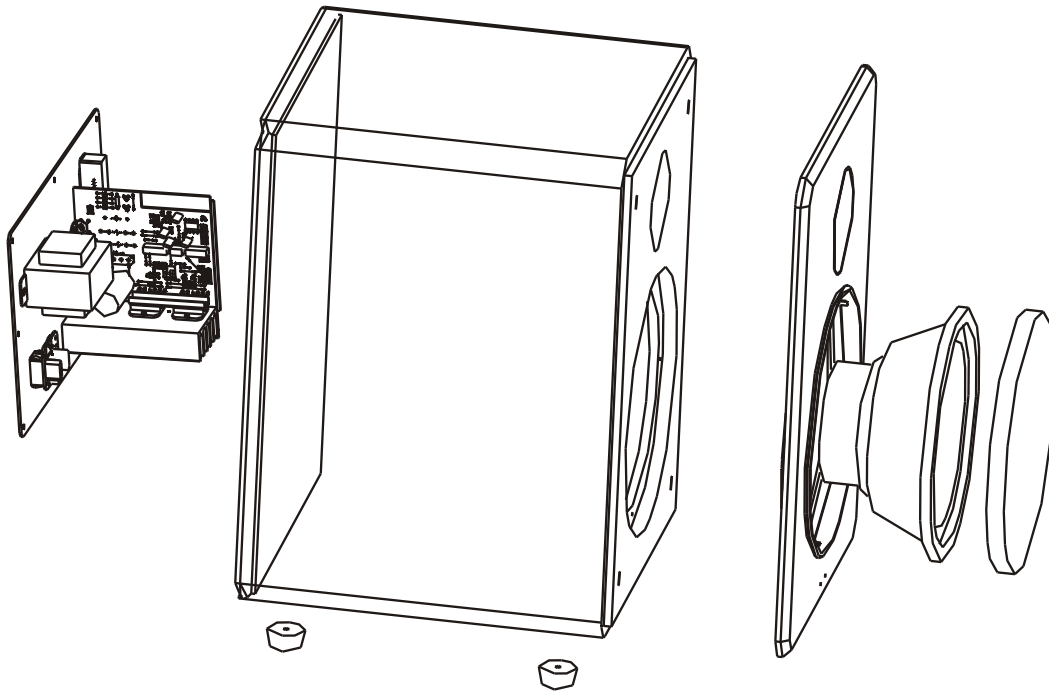
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Chapter 1

(Acoustic)

GENERAL CHART



BILL OF MATERIAL

Product code: ECA-220S SAT B-BB Product name: CA-220S SAT export satellite speaker black

Item	Material code	Material description	Specification	Unit	Dosage	Remark
1	RW150S39B8P13-1	woofer 8 Ω (0)	PSV 13.28 core YDD52S39-1A ROHS	PCS	2.0000	W0208-0141-002

Product code: ECA-220S SUB B-BB Product name: CA-220S SUB export subwoofer black BBK

Item	Material code	Material description	Specification	Unit	Dosage
1	RB11340	remote control RC-329 BBK	ROHS	PCS	1.0000
2	RW0165R60B8A20-2	woofer	8 Ω 20 core ROHS	PCS	1.0000

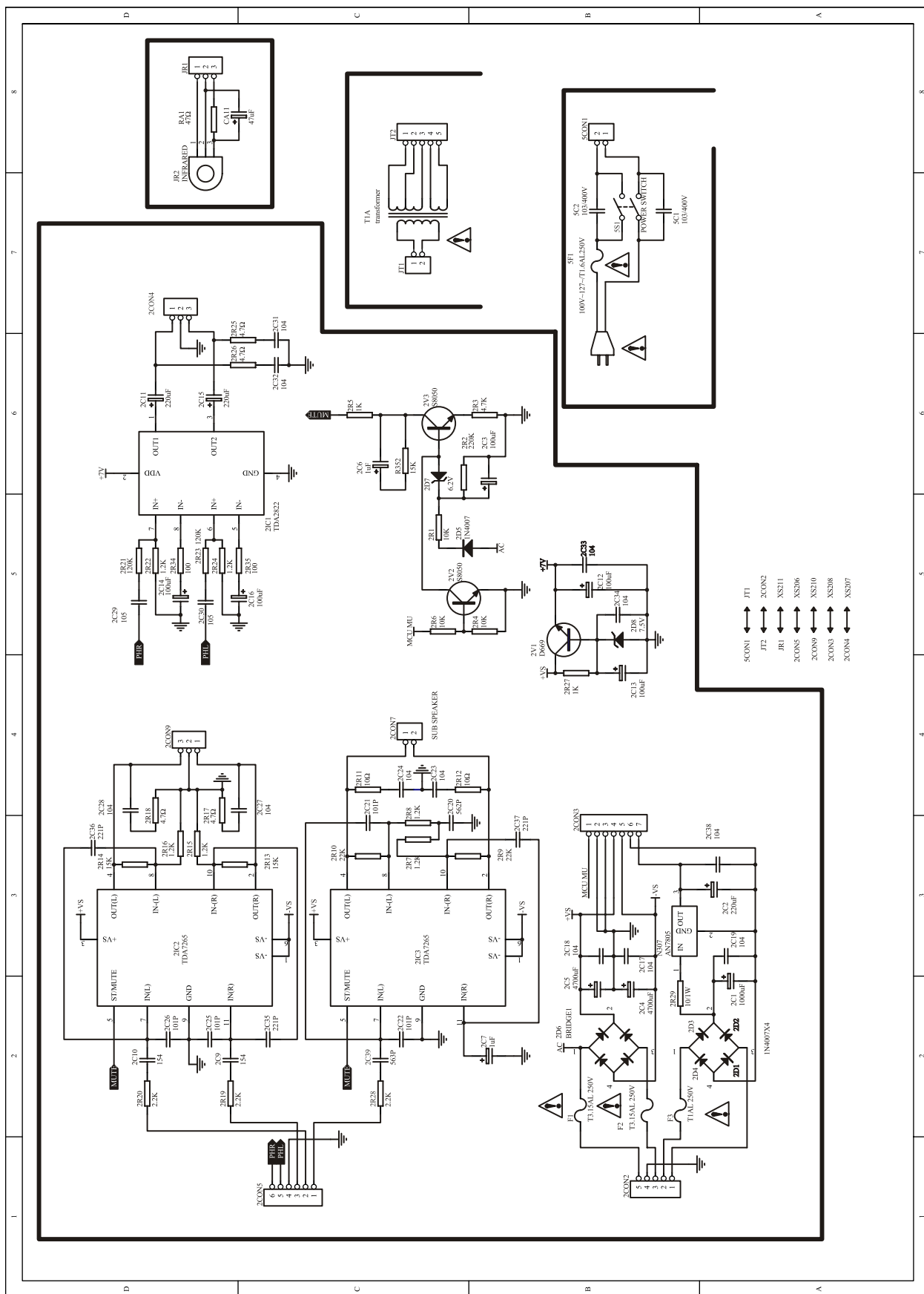
Product code: EDCA-220S Product name: CA-220S wired control

Item	Material code	Material description	Specification	Unit	Dosage
1	R08014	crystal HC/49S 12.00MHz $\pm$ 30ppm 20pF	ROHS	PCS	1.0000
2	R090101	switch 6x6 H=17mm(F)	ROHS	PCS	4.0000
3	R090192	encoder EC11BHS-D2-WF-20C-HPC-15KQ	ROHS	PCS	1.0000
4	RB10198	decoder board WS888B-0101-B USB HOST MP3+WMA	ROHS	PCS	1.0000

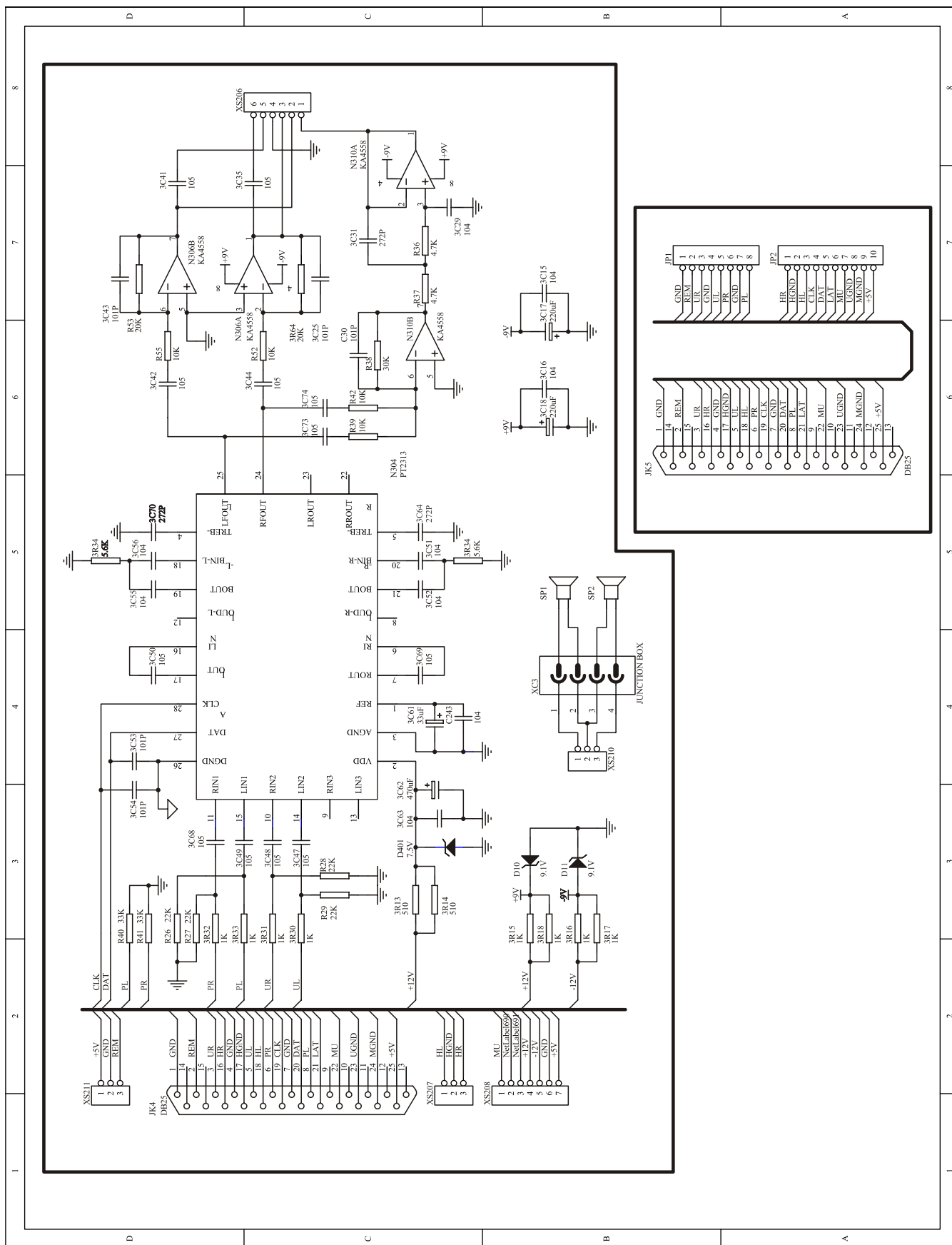
Chapter 2

(Acoustic)

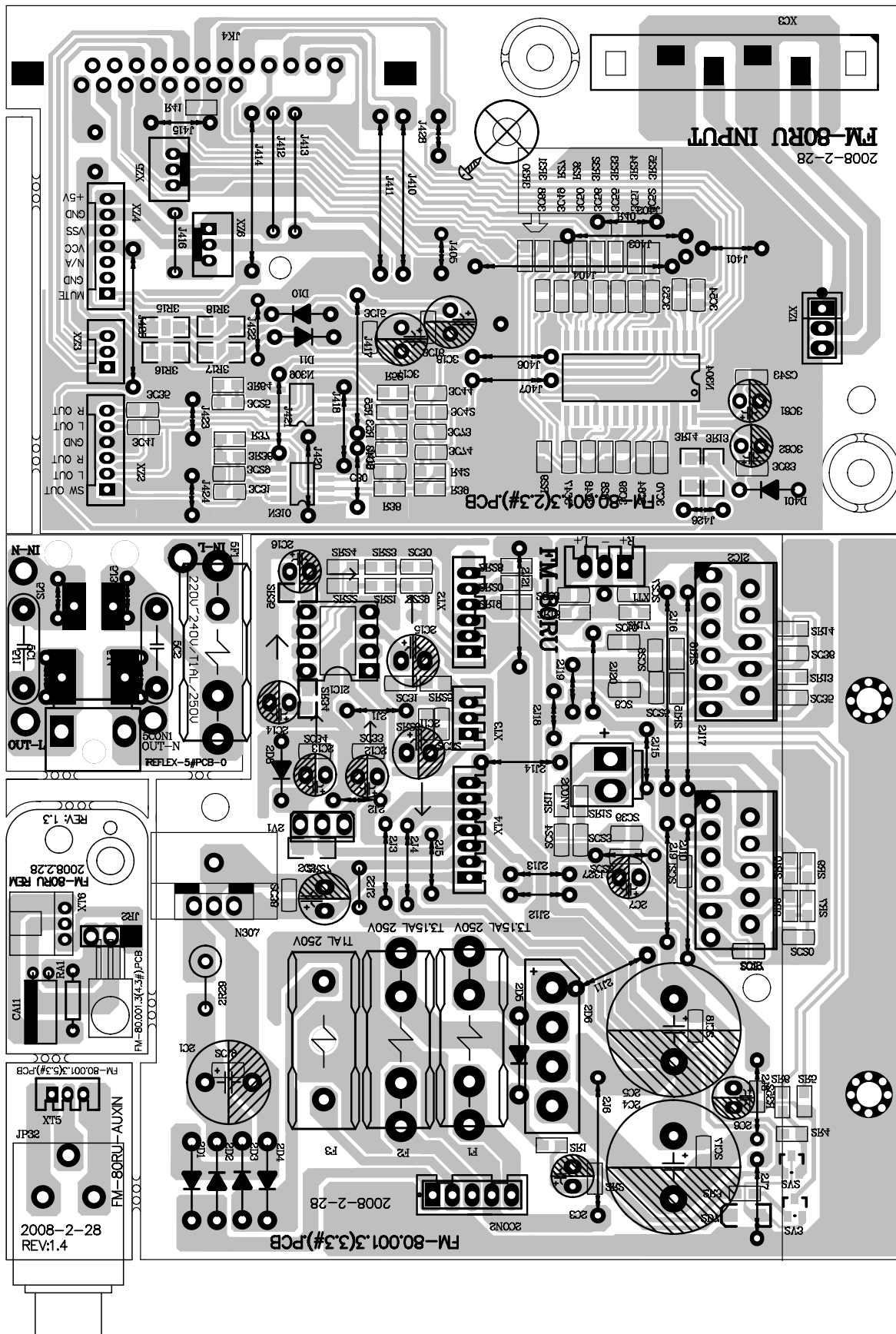
PRINCIPLE CHART



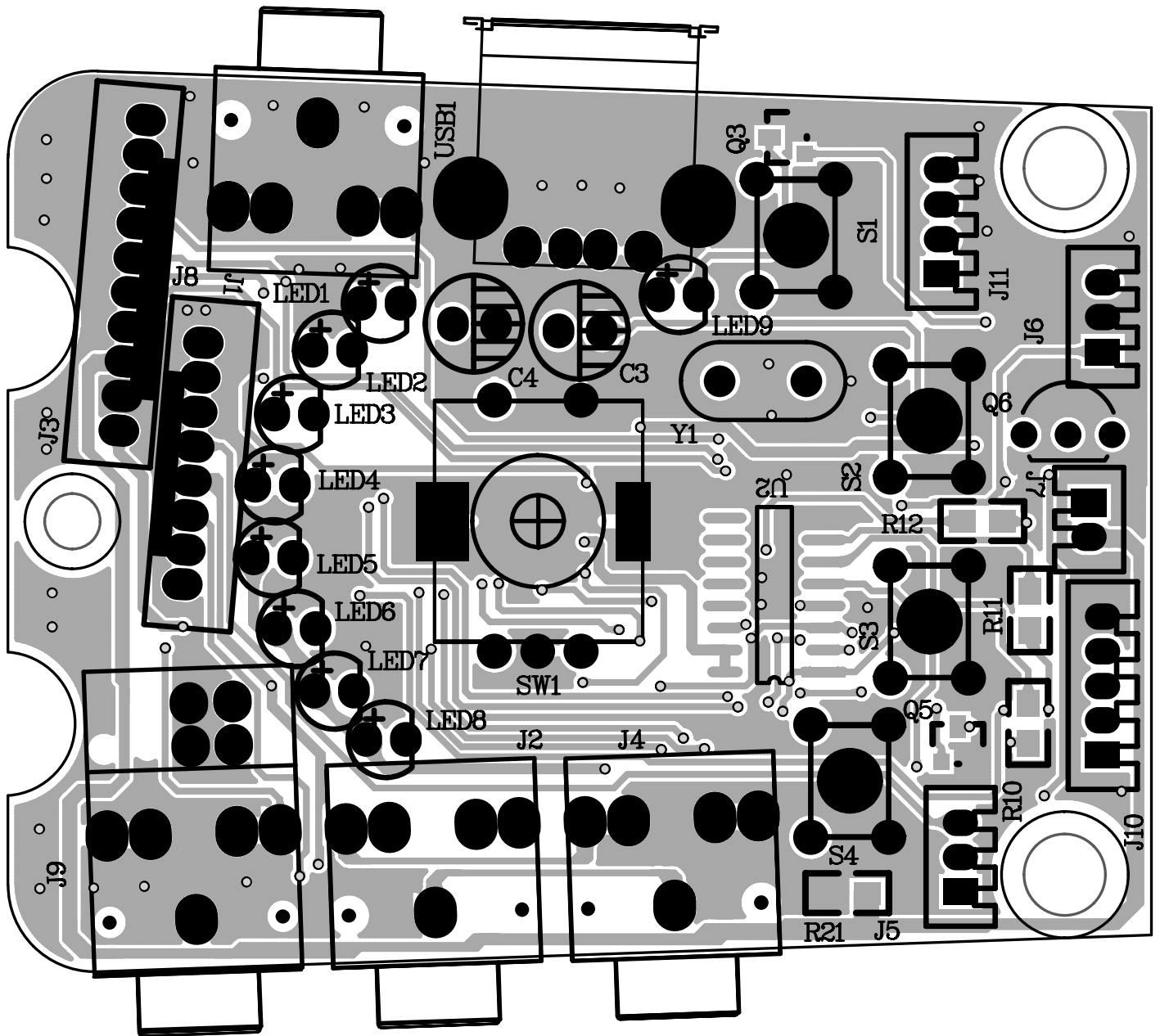
PRINCIPLE CHART



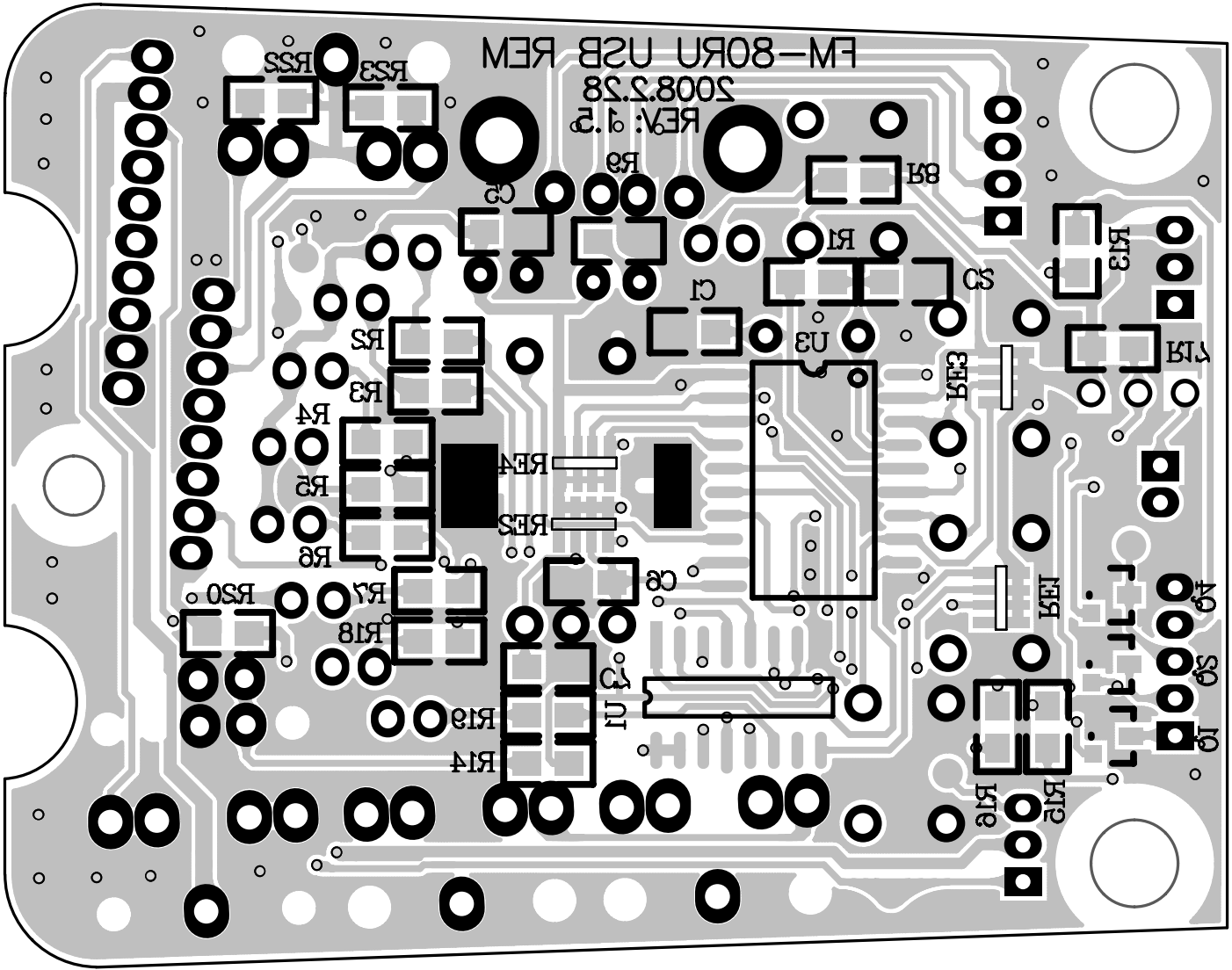
PCB BOARD



PCB BOARD



PCB BOARD



BILL OF MATERIAL

CA-220S

Item	Material code	Material description	Specification	Unit	Dosag	Remark
1	R090182	switch PRONIC 6A/250V UL/VDE/CQC	ROHS	PCS	1	
2	R0300026	capacitor electrolyse 16V 1000uF□□20% 10x16 (VI)	ROHS	PCS	1	
3	R0300185	capacitorElectrolyse 25V 4700uF±20%16x30 (VI)	ROHS	PCS	2	
4	R05169	IC KA7805 TO-220 FAIRCHILD	ROHS	PCS	1	
5	R05230	IC TDA7265 ZIP-11P ST	ROHS	PCS	2	
6	R05404	IC TDA2822 DIP 8 feet	ROHS	PCS	1	
7	R12015	receiver FPS-6038T1	ROHS	PCS	1	

BBK