



- ▲ Place C14 and C15 near pin 18 and pin 7 resp.
- ▲ Place C10 and C11 near pin 19 and pin 6 resp.
- ▲ Place C1 and R7 near pin 5
Place C4 and R8 near pin 4
Place C5 and R9 near pin 20
Place C6 and R10 near pin 21

- ▲ All components are 5% tolerance except mentioned.
- ▲ P1 and P2 are 2 pin connectors for speakers
P4 is a 4 pin connector for audio jack
- ▲ All components are 0201 except 0.47uF capacitors.

Title		
Size	Number	Revision
A4		
Date:	19-04-2021	Sheet of
File:	D:\KRISHNA DATA\Sheet1.SchDoc	Drawn By:

Alternate MPN-1	Comment	Description	Designator	Footprint	MPN	Quantity
	CAP CER 0.47UF 16V X5R 0402	Capacitor	C1, C1, C4, C4, C5, C5, C6, C6	CR0402	GRM155R61C474KE01D	8
	CAP CER 0.1UF 16V X5R 0201	Capacitor	C2, C2, C3, C3	CR0201-New-For FL ONLY	GRM033R61C104ME84D	4
	CAP CER 0.1UF 16V X5R 0201	Capacitor	C7, C7, C8, C8, C9, C10, C10, C11, C12, C12, C13, C14, C14, C15, C15	CR0201-New	GRM033R61C104ME84D	15
	CAP ALUM 470UF 10V 20% SMD	Capacitor	C16, C16, C17, C17	CAP_ELE	EEE-FTA471XAP	4
	Speaker	Loudspeaker	LS1, LS1, LS2, LS2	CONN_2P_1MM_SMD_ST	BM02B-SRSS-TB(LF)(SN)	4
	CONN HEADER SMD 6POS 1MM	CONN HEADER SMD 6POS 1MM	P1	CONN_6P_1MM_SMD_ST	BM06B-SRSS-TB	2
	3.5mm Audio Jack	3.5mm Audio Jack, 3Pole,0.5A/30V DC, 0.5A/30V AC	P4	4 PIN Header	BM04B-SRSS-TB(LF)(SN)	2
	RES SMD 20K OHM 5% 1/20W 0201	Resistor	R1, R1, R3, R3	CR0201-New	ERJ-1GNJ203C	4
	RES SMD 13K OHM 5% 1/20W 0201	Resistor	R2, R2, R4, R4	CR0201-New	ERJ-1GNJ133C	4
	RES SMD 100 OHM 1% 1/20W 0201	Resistor	R5, R5, R6, R6, R11, R11, R12, R12	CR0201-New	RC0201FR-07100RL	8
	RES SMD 4.7K OHM 5% 1/20W 0201	Resistor	R7, R7, R8, R8, R9, R9, R10, R10	CR0201-New	RC0201JR-074K7L	8
	RES 1K OHM 5% 1/20W 0201	Resistor	R13, R13, R17, R17	CR0201-New	ERJ-1GNJ102C	4
	RES 100K OHM 5% 1/20W 0201	Resistor	R14, R14, R15, R15, R16, R16, R18, R18	CR0201-New	RMCF0201JT100K	8
	IC AMP AB STEREO 2.2W 24HTSSOP		U1	TSSOP24-PWP	TPA0202PWP	2