

Bill Of Materials

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Design: AMPLI 10W
Doc. no.: MII 2-20-1
Revision: 0.2
Author: MAHE.JJ
Created: 04/06/03
Modified: 06/10/20

QTY	PART-REFS	VALUE	PACKAGE
FOURNISSEUR		DISTRIBUTEUR	REMARQUE

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Resistance 5pc max sauf indication contraire

4	R1,R10,R15,R16	10k	0805
4	R2,R3,R5,R6	10k 1%	0805
1	R4	10	0805
1	R7	200	0805
1	R8	49.9	0805
1	R9	NC	0805
3	R11,R17,R19	1M	0805
1	R12	28,7k	0805
1	R13	42,2k	0805
1	R14	390k	0805
1	R18	261k	0805
2	R20,R21	100k	0805
2	R22,R23	1k	0805
2	R24,R25	470	0805

Capa 25V mini X5R ou X7R sauf indic contraire

2	C1,C2	110pF 5% 500V	0805	MURATA
GRM21A5C2J111JWA1DMOUSER				
5	C1A,C1B,C2A,C2B,C18	NC	0805	
1	C3	2.2uF 100V	1206	MURATA
GCM31CC72A225KE02LFAR, MOUS, DGK				
1	C4	22pF	0805	
5	C5-C7,C10,C16	100nF	0402	
1	C8	110pF 5% 1000V	1206	MURATA
GRM31A5C3A111JW01DMOUSER				
1	C9	4,7nF 100V 5% COG	1206	
MOUSER, DGK				
2	C11,C14	33uF 63V	Code size E12	
PANASONIC 63SXV33M FAR, MOUS, DGK				
3	C12,C13,C24	2,2uF 100V	1206	MURATA
GCM31CC72A225KE02LFAR, MOUS, DGK				
3	C15,C19,C23	1uF 25V	0603	
1	C17	10pF	0603	
2	C20,C21	10uF 10V	0603	
1	C22	1nF	0603	

Self

1	L1	33uH 3A		BOURNS
SRN1060-330M FAR, RS, MOUSER, DGK				
2	L2,L3	10uH 10% 0.1R	5.8x5.8mm	BOURNS
SDR0604-100KL FAR				
1	L4	270nH 5A 2%		COILC.

2222SQ-271_EGEB	MOUSER			
1 L5		15uH 0.08R		BOURNS
SRP7050TA-150M	FAR, MOUS, DGK			
Circuits integres				

1 U1		UCC27517DBV	SOT23-5	TEXAS
FAR, DGK, MOUS				
1 U2		74LVC1G123DP	TSSOP8 (SOT505-2)	NXP
FAR				
1 U3		MAX9010	SC70-6	MAXIM
FARNELL				
1 U4		LT8620EMSE	MSOP16	ANALOG
DEVICES	FAR, MOUSER			
1 U5		TPSM265R1	USIP10	TEXAS
MOUS, DGK				
1 U6		LP2985AIM5-5.0/NOPB	SOT23-5	TEXAS
FAR, MOUS, DGK				
Transistors				

1 Q1		BSC22DN20NS3	NULL	INFINEON
FAR, MOUSER, DGK				
Diodes				

1 D1		ES1B	D0214AC	ON ES1B
FAR1611158				
1 D2		KDZLVTR120	SOD123FL	ROHM
KDZLVTR120	FAR			
Embases				

3 J1-J3		<i>SMA 50R</i>	<i>JACK DROIT</i>	<i>MOLEX</i>
73391-0060	FAR			
1 J4		CONN-H4	CONN-SIL4	MOLEX
Divers				

4 E1-E4		PASTILLE	Diametre 0,6mm	NE PAS
CABLER				
1 LD1		LED JAUNE	0603	DIALIGHT
597-3408-507F	FAR, DGK			
1 LD2		LED VERTE	0603	DIALIGHT
597-3316-507F	FAR, DGK			
1 RV1		50k	4x4mm	BOURNS
3314G-1-503E	FAR, MOUSER			
1 TP1		PTMASSE	POINT TEST 1,4	COMATEL
RS305-0913(UDV=50)				
5 TP2-TP6		BORNE	BORNE 1,32mm	RS 101-
2385				