

Bill Of Materials for driver

Design Title driver
Author
Document Number
Revision
Design Created 23 April 2017
Design Last Modified 29 April 2017
Total Parts In Design 64

18 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
12	C1,C6,C7,C8,C9,C10,C11,C12,C13,C14,C15,C16	100nF	1206_CAP
1	C2	10nF	1206_CAP
1	C3	22uF	CAPAE430X600
4	C4,C5,C17,C18	100uF	CAPAE660X790

Sub-totals:

23 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
1	R1	0.1	1206_RES
9	R2,R4,R9,R10,R11,R12,R13,R17,R21	10k	1206_RES
4	R3,R14,R16,R23	1k	1206_RES
1	R5	470	1206_RES
1	R6	680	1206_RES
2	R7,R8	22k	1206_RES
1	R15	2.2k	1206_RES
2	R18,R19	100	1206_RES
2	R20,R22	100k	1206_RES

Sub-totals:

9 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
3	U1,U5,U9	TL072	SO8
1	U2	AD620	SO8
1	U3	TC962	SO16W
1	U4	MC78M12	DPAK-3
1	U6	DG469	SO8
1	U7	MC79M12	DPAK-3
1	U8	V7805-1000R	V78XX-1000R

Sub-totals:

1 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
1	Q1	BDX53	TO220-HEATSINK

Sub-totals:

7 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
2	D1,D9	MMSZ5231B	SOD123
1	D2	1N4148W	SOD123
2	D3,D7	S1BB	SMB
2	D8,D10	LED	DIODE_1206

Sub-totals:

6 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Package</u>
1	J1	TBLOCK-I2	TBLOCK-I2
1	J2	BNC	BNC
1	J3	TBLOCK-I3	PWR_25_55

1	RV1	10K	PRE-SQ4
1	RV2	100K	POT-PKG
1	SW2	SWITCH-PUSHBUTTON	PUSH-SWITCH

Sub-totals:

Totals:

29 April 2017 20:45:17