



Bill of Materials		<Parameter Title not found>			
Source Data From: Driver Laser.PcbPCB					
Project: Driver Laser.PcbPCB					
Variant: None					
Creation Date: 13/03/2019 01:21:58					
Print Date: 43537 43537 06/06					
Footprint	Comment	LibRef	Designator	Description	Quantity
CR3216-1206	1u	CAP	C1, C2, C6, C7	Capacitor	4
C.Electr. G16	1mF	Cap Pol1	C3, C8	Polarized Capacitor (Radial)	2
SMD	4pF	CAP	C4, C13	Capacitor	2
CR3216-1206	2pF	CAP	C5, C14	Capacitor	2
CR3216-1206	100n	CAP	C9, C10, C11, C12, C32, C33, C34, C35, C43, C51, C52, C53, C54, C71	Capacitor	14
C.Electr. D6	220uF	Cap Pol2	C16, C17, C18, C41, C43, C44, C45	Polarized Capacitor (Axial)	10
SMD	10uF	CAP	C46, C70	Capacitor	2
CR3216-1206	1uF	CAP	C19, C20, C21, C22, C24, C25, C26, C27, C28, C47, C48, C49, C50, C51, C53, C54, C55, C56, C57, C76, C7	Capacitor	23
CR3216-1206	1mF	CAP	C30, C52	Capacitor	2
CR3216-1206	1mF	CAP	C32, C40, C36, C39	Capacitor, NON MONTARE	4
CR3216-1206	220pF	CAP	C30, C39	CAPACITOR	2
CR3216-1206	2.2nF	CAP	C31, C60	SOSTITUIRE CON R 0 Ohm, SOSTITUIRE CON R 0 Ohm	2
CR3216-1206	100pF	CAP	C36, C37, C38, C39, C85, C66, C67, C68	Capacitor	8
C_RAD_2910	6.8mF	Cap Pol2	C72, C73, C74, C75	Polarized Capacitor (Axial)	4
SMA	ES80A-13-F	D Schottky	D1, D2	Schottky Diode 40V 3A	2
SOD123(X)85	PME6820ELR	D Schottky	D3, D4, D5, D6, D7	Schottky Diode	5
SOD123(X)85	D Schottky	D Schottky	D8, D9, D10	PME6820ELRX	3
Dissipatore	Dissipatore DSA36 150/B	Dissipatore	D11, D12	Dissipatore AAVD THERMALLOY, 0.93KW, 150 x 49.5 x 85.5mm	2
VENTOLA	Ventola FD2490	Dissipatore	D13	Ventilatore assiale in c.c. ARX FD2490-AD315GDAL, 92 x 92 x 38mm	1
INDC3216-1206	5.1V	ZENER3	D21, D22, D23, D24, D25, D26, D27, D28	Zener Diode	8
AC3756SCA-100B	AC3756SCA-200U	CON1	R1, R2	NON MONTARE	2
CON1_M6_14	CON1_M6_14	Con1	J1, J2	Connettore 7461097 Costruttore Wurth Elektronik	2
CON1_M6_14	GND	Con1	J3, J4, J6, J8	Connettore 7461097 Costruttore Wurth Elektronik	4
CON1_M6_14	OUT_A	Con1	J5	Connettore 7461097 Costruttore Wurth Elektronik	1
CON1_M6_14	OUT_B	Con1	J7	Connettore 7461097 Costruttore Wurth Elektronik	1
PAD_Gate	+	Con1	J7	Connettore1	1
PAD_Gate	-	Con1	J7	Connettore1	1
CON200	RN GAIN	CON2	J7	Connector	1
PAD_Gate	Out Inns	Con1	J7	Connettore1	1
QNPIN	Traco	Traco	J7	Connector	1
ind smd 12.5	100uH	Inductor Iron	L1	Magnetic-Core Inductor	1
ind smd 12.5	330uH	Inductor Iron	L2	Magnetic-Core Inductor	1
INDUT. SMD	WEE-FCF SMD	INDUTORE	L3, L4, L5, L6, L7, L8, L9, L10	Induttore di Alimentazione (SMD), 4.7 uH, 30 A, Schemato, 78 A	8
CON200	SW	Header 2	H1	connettore 2pin passo 200mil	1
CON200	FAN	Header 2	H2	connettore 2pin passo 200mil	1
CON200	FOOTSWITCH	Header 2	H3	connettore 2pin passo 200mil	1
CON200	RIF-A EXT	Header 2	H4	connettore 2pin passo 200mil	1
CON200	RIF-B EXT	Header 2	H5	connettore 2pin passo 200mil	1
TO247_SW	RFP300PBF	MOSFET-N	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16	MOSFET-N, N-Channel MOSFET	16
CR3216-1206	100	Res	R1, R3, R7	Semiconductor Resistor	4
CR3216-1206	50	Res	R2, R5	Semiconductor Resistor	2
CR3216-1206	10K	Res	R4, R14, R20, R32, R34, R35, R36, R41, R42, R43, R52, R58, R70, R72, R73, R74, R75, R80, R81	NON MONTARE, RESISTOR, Semiconductor Resistor	19
CR3216-1206	12k	Res	R6, R7, R8, R9, R44, R46, R46, R47	Semiconductor Resistor	6
CR3216-1206	2.2	Res	R10, R11, R12, R13, R16, R17, R18, R19, R48, R49, R50, R51, R54, R55, R56, R57	Semiconductor Resistor	16
CR3216-1206	1K	Res	R15, R24, R30, R31, R33, R37, R38, R39, R40, R53, R62, R66, R69, R71, R75, R76, R77, R78, R7	RESISTOR, Semiconductor Resistor	19
CR3216-1206	270K	Res	R21, R59	Semiconductor Resistor	2
CR3216-1206	47K	Res	R22, R29, R80, R87	RESISTOR, Semiconductor Resistor	4
CR3216-1206	10	Res	R23, R61	NON MONTARE	2
2528 SMD	2m	RES1_S	R25, R26, R27, R28, R63, R64, R65, R66	Semiconductor Resistor	6
CR3216-1206	1.5K	Res	R7	Semiconductor Resistor	4
AXIAL-0.4	2m	RES1_S	R7		2
SO-GS/P/98	SN74LV174DC	MS	U1, U6		2
SO-G8	AD8099	AD8099	U2, U8		2
STM32F072	STM32F072B	STM32F072B	U3		1
DISCOVERY	DISCOVERY	DISCOVERY	U4		1
DDPAK70	LM2576DZTR4	LM2576HV	U4		1
283	U123	LM2576HV	U7		1
MSOP12	LTC2644	LTC2644	U5		1
DDPAK70	LM2575DZT-283	LM2576HV	U7		1
283	IR460		U9, U10, U11, U12, U18, U19, U20, U21		8
SO-G8	NCP3420	NCP3420	U13, U22		2
PW024	TPS4090	TPS4090	U13, U22		2
SO-GAUF/96	ADM6407T	ADM6407T	U15, U16, U17, U23, U24, U25, U26		6
DP-8	LMH6550MA	LMH6550MA	U7		1
DP-8	NCP6002	TL082	U7	Differential Comparator	2
CC3216-1206	RIF-A	Jumper	W1	NON MONTARE	1
CC3216-1206	RIF-A EXT	Jumper	W2	R 0 Ohm	1
CC3216-1206	RIF-B	Jumper	W3	NON MONTARE	1
CC3216-1206	RIF-B EXT	Jumper	W4	R 0 Ohm	1
CC3216-1206	BP5	Jumper	W5, W7	R 0 Ohm	2
CC3216-1206	VRef	Jumper	W6, W8	NON MONTARE	2
Approved	Notes				272