

	Client/Customer:		Francis Mitchell Newcomer/Sebastian White			Through pins:	12
	DATE:		12-Dec-2013			SMD pins on TOP:	28
	Dessinateur/Drawn by:		William Billereau			SMD pins on BOTTOM:	0
	TE/MPE/EM		Board dimensions: 30.5x29.8mm (Components on TOP: 23 [SMD=14], on BOTTOM: 0 [SMD=0])			Total nb of pins:	40
Ref.	Qty	SCEM	Description	Value	Fournisseur/Supplier		Boitier/Outline
Matériel monté sur le PCB / Parts mounted on the PCB							
C1	1		500V 5% SMD NP0 Ceramic Capacitor	47pF	GENERIC CC0805_47PF_500V_5%_NP0		0805
C2	1		500V 10% SMD X7R High Voltage Ceramic Capacitor	220nF	GENERIC CC2225_220NF_500V_10%_X7R		2225
C3	1		500V 10% SMD X7R High Voltage Ceramic Capacitor	1nF	GENERIC CC1206_1NF0_500V_10%_X7R		1206
C4	1		500V 5% SMD NP0 Ceramic Capacitor	15pF	GENERIC CC0805_15PF_500V_5%_NP0		0805
D1->D3	3		SMD High Speed Diode		NXP/PHILIPS PMLL4148		SOD80
R1	1	11.24.05.451.2	0.25W 1% SMD Resistor	51k	GENERIC R1206_51K_1%_0.25W_100PPM		1206
R2,R6	2	11.24.05.300.6	0.25W 1% SMD Resistor	1k	GENERIC R1206_1K_1%_0.25W_100PPM		1206
R3,R7	2	11.24.05.200.9	0.25W 1% SMD Resistor	100	GENERIC R1206_100R_1%_0.25W_100PPM		1206
R4,R5	2	11.24.05.151.1	0.25W 1% SMD Resistor	51	GENERIC R1206_51R_1%_0.25W_100PPM		1206
T1	1		100V 3A NPN Bipolar Power Transistor		ON SEMICONDUCTOR TIP31CG		TO220_h
Accessoires / Accessories							
for T1	1		Hexagon Nuts ~0,8d - DIN 934 - ISO 4032 - Stainless steel A4	for M3 screw	BOSSARD BN629 - 1241613		—
for T1	1		Hexalobular Socket Pan Head Screw, Fully Threaded, Stainless Steel A2	M3 L=8mm	BOSSARD BN5687 - 3061606		—
for T1	1		Waved Spring Washer - Stainless Steel - A2/1.4310	for M3 screw	BOSSARD BN678 - 1250191		—
Matériel câblé en dehors du PCB / Parts wired outside the PCB							
voir plan EDA-02888-V1-0_arrangement.pdf / see EDA-02888-V1-0_arrangement.pdf drawing							
GND1->GND3,GND_IN,NSR OUT,TD2D,VIN	8		Stand-Alone 1.2mm Hole for External Wiring				