

5) Schéma Electrique :

Schéma1 :GénérateurPWM

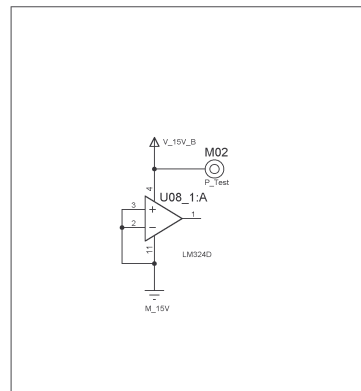
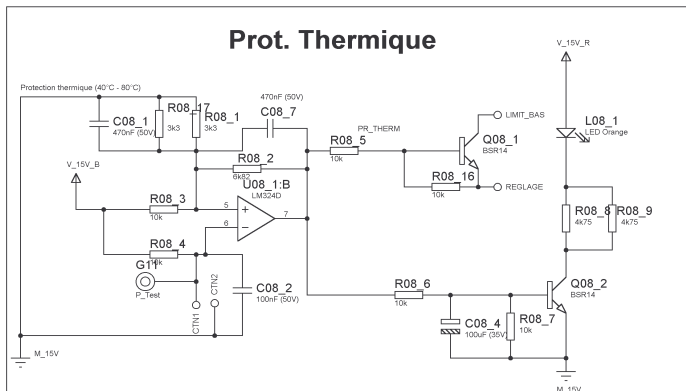
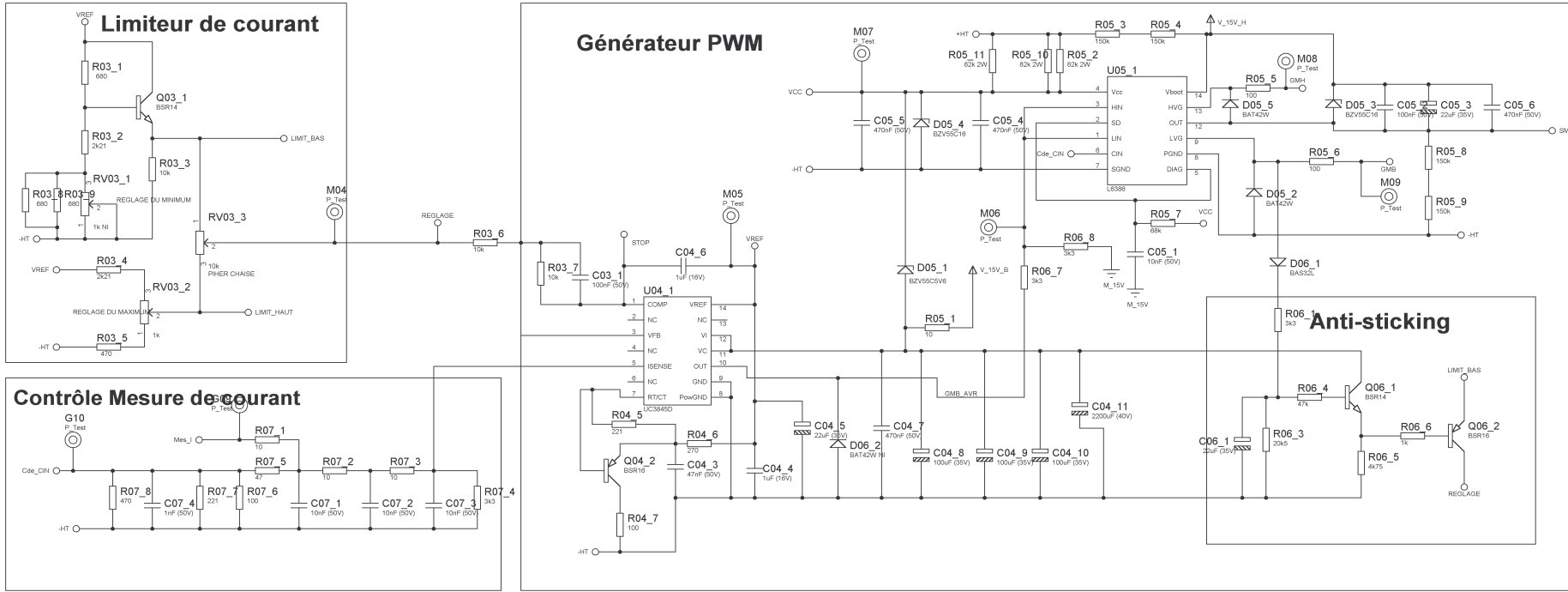


Schéma 2 : Alimentation + transfo + système de démarrage.

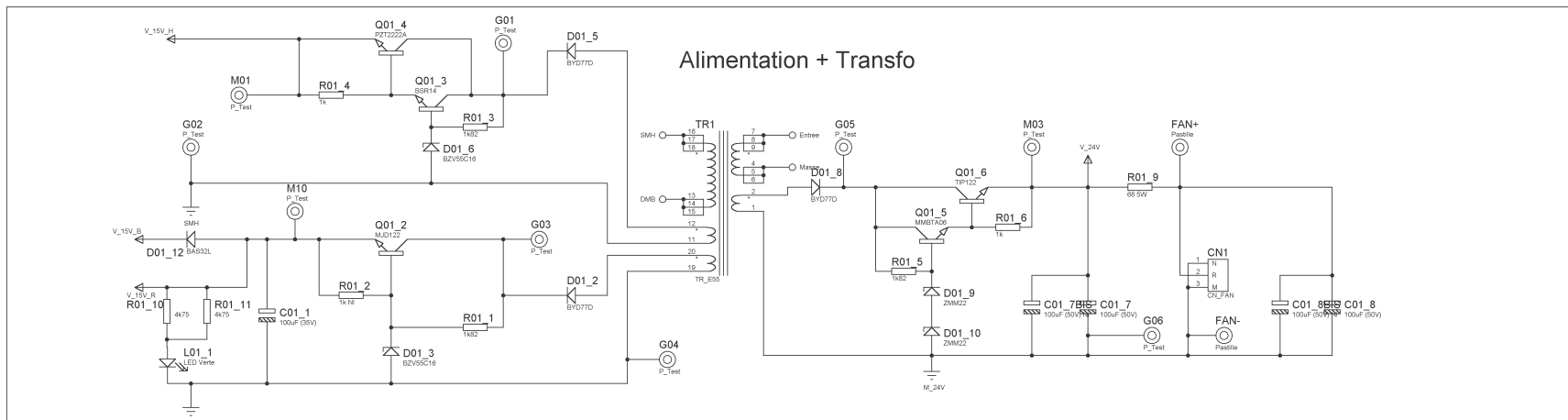
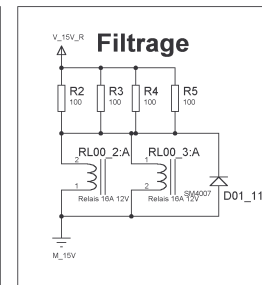
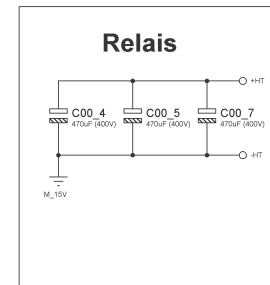
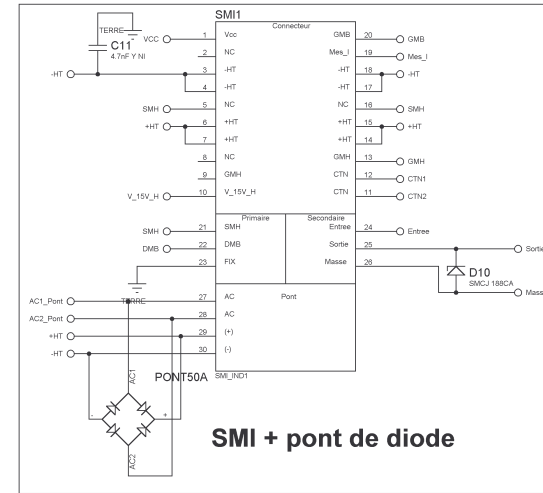
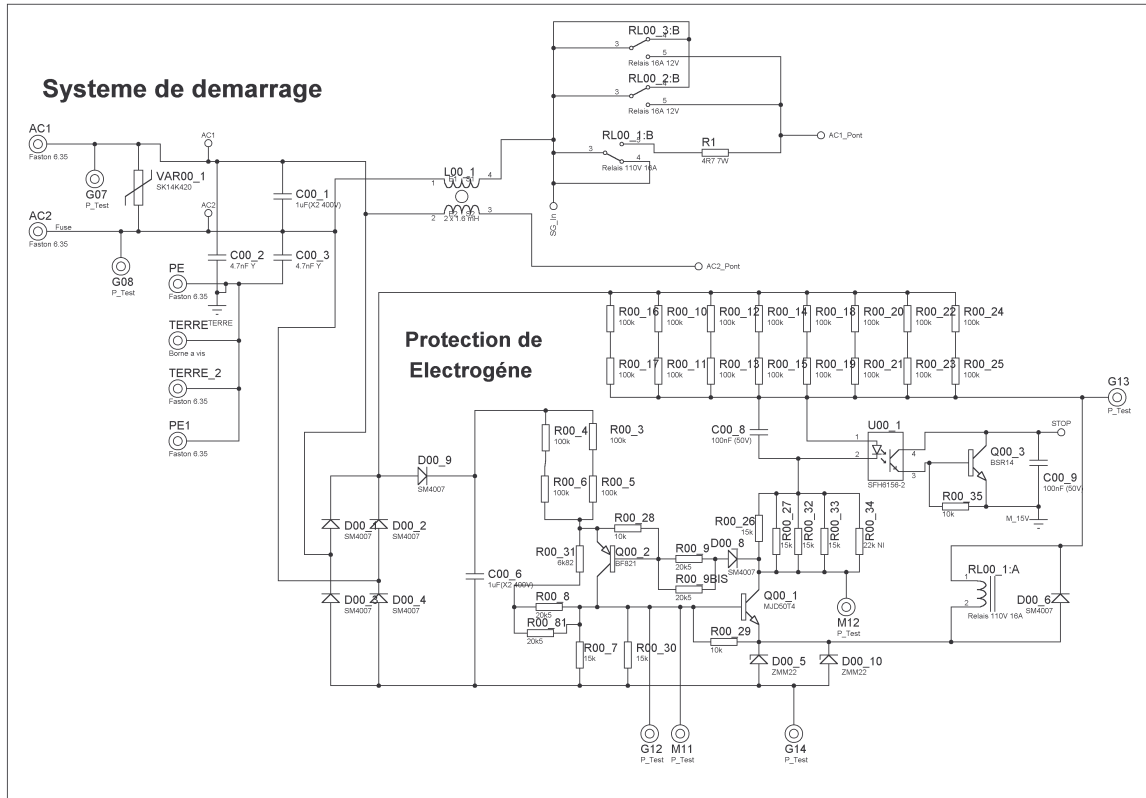
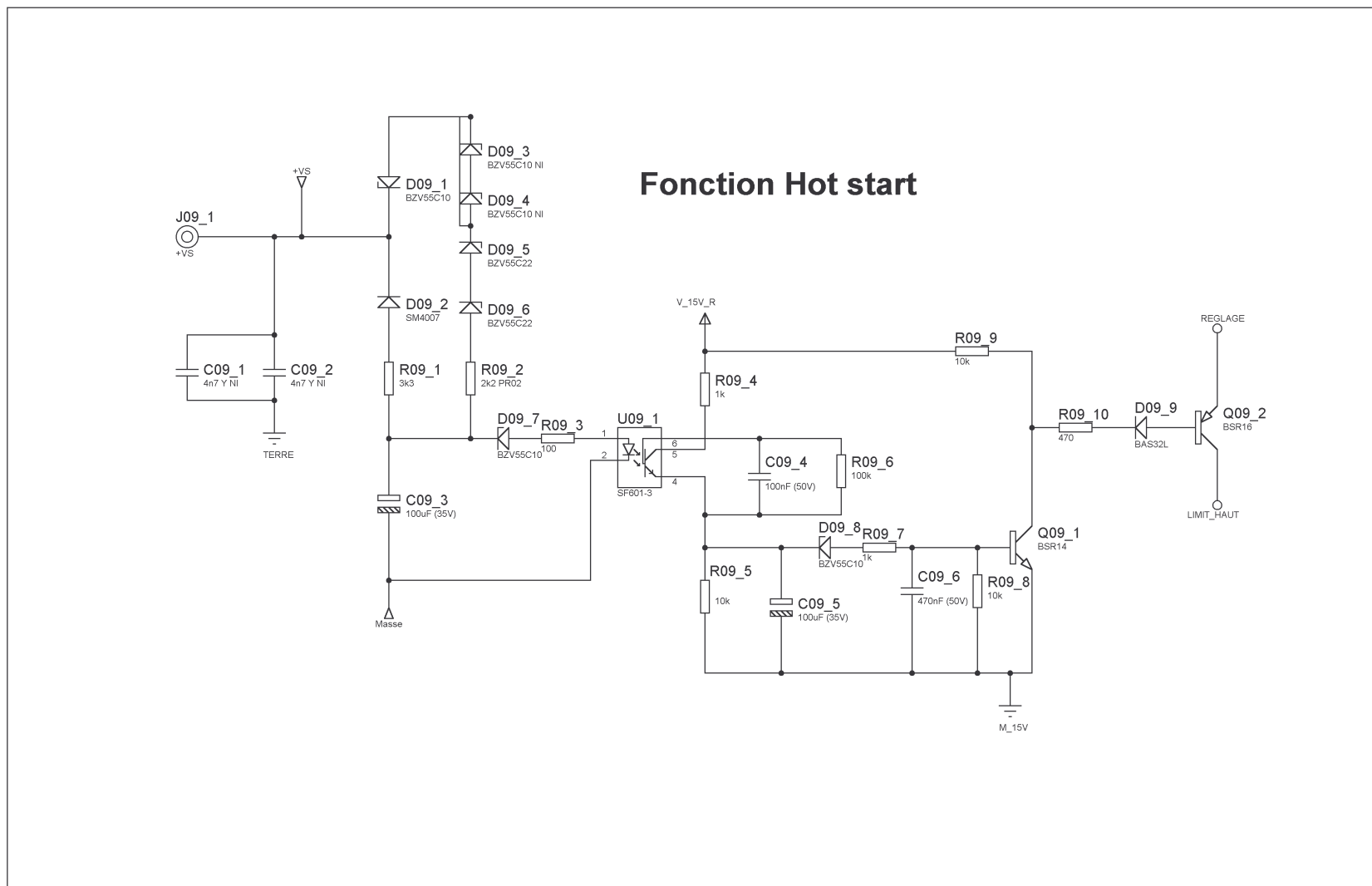
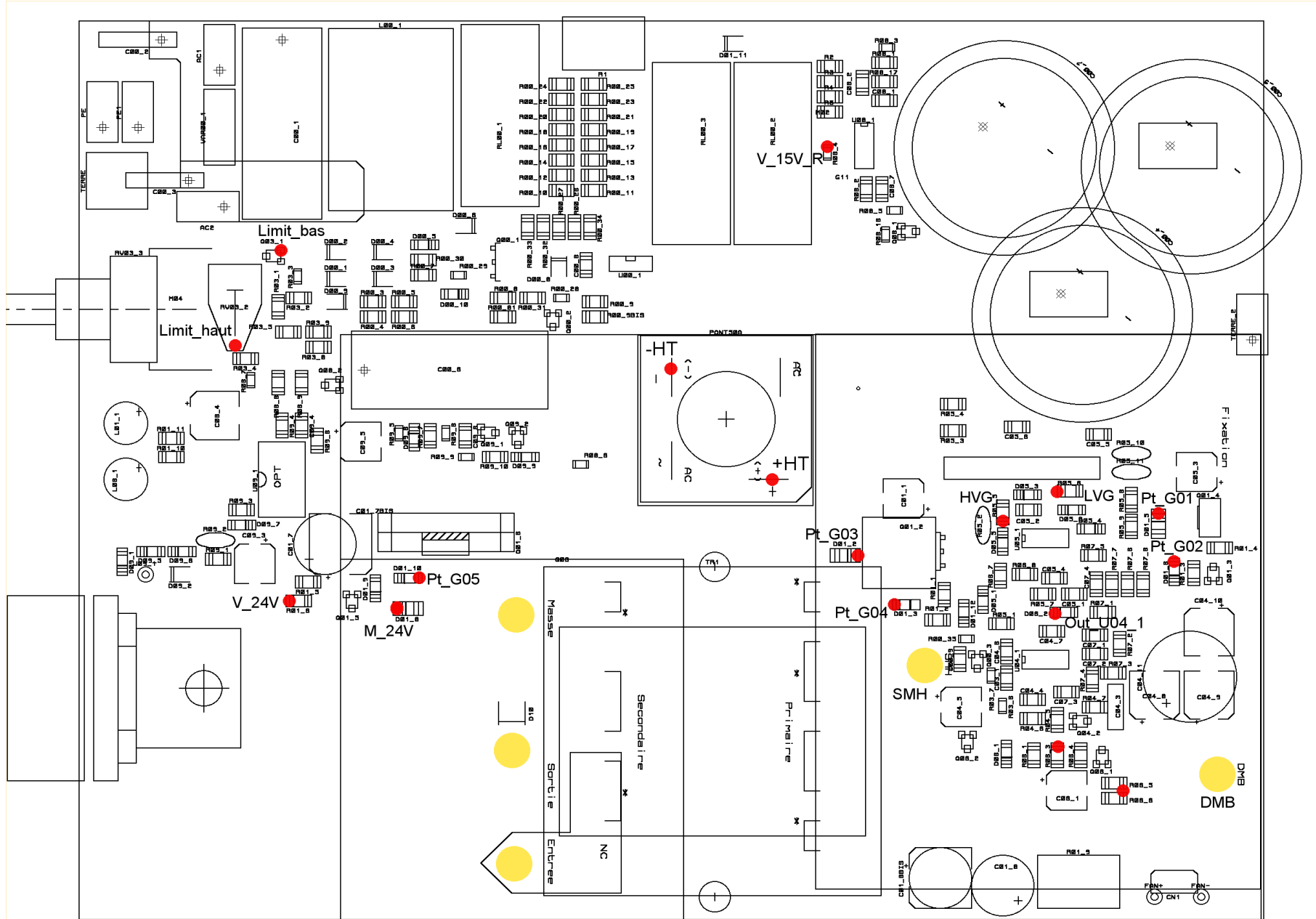


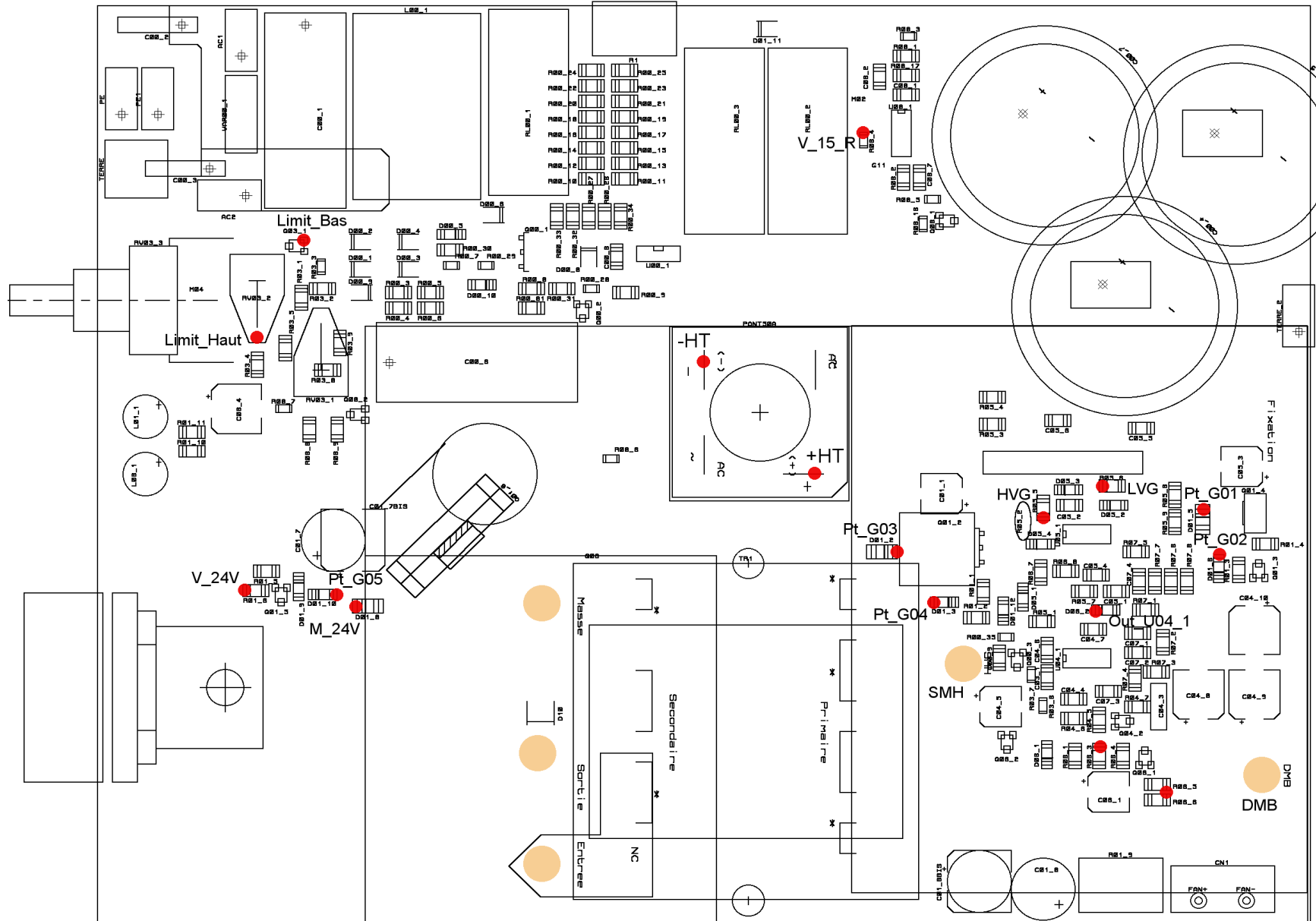
Schéma 3 : Fonction Hot Start ((fonction sur PCB > 3.2)



6.1) Repère composants et points de Test sur le Pcb après l'indice 3.2 inclus



6.2) Repère composants et points de Test sur le Pcb avant l'indice 3.2



7) Liste des composants implantés sur tous les types de PCB.

QTY	PART-REFS	VALUE	REFGYS
----	-----	-----	-----
Resistors			
21	R00_3,R00_4,R00_5,R00_6, R00_10,R00_11,R00_12,R00_13, R00_14,R00_15,R00_16,R00_17, R00_18,R00_19,R00_20,R00_21, R00_22,R00_23,R00_24,R00_25, R09_6	100k	64040
6	R00_7,R00_26,R00_27,R00_30, R00_32,R00_33	15k	64037
5	R00_8,R00_9,R00_9BIS,R00_81, R06_3	20k5	64039
15	R00_28,R00_29,R00_35,R03_3, R03_6,R03_7,R08_3,R08_4, R08_5,R08_6,R08_7,R08_16, R09_5,R09_8,R09_9	10k	64048
2	R00_31,R08_2	6k82	64043
1	R00_34	22k NI	64005 NI
3	R01_1,R01_3,R01_5	1k82	64009
1	R01_2	1k NI	64004 NI
5	R01_4,R01_6,R06_6,R09_4, R09_7	1k	64004
1	R01_9	68 5W	63133
5	R01_10,R01_11,R06_5,R08_8, R08_9	4k75	64013
1	R1	4R7 7W	64121
9	R2,R3,R04_7,R4,R05_5,R05_6, R5,R07_6,R09_3	100	64015
3	R03_1,R03_8,R03_9	680	64003
2	R03_2,R03_4	2k21	64010
3	R03_5,R07_8,R09_10	470	64108
2	R04_5,R07_7	221	64035
1	R04_6	270	64252
4	R05_1,R07_1,R07_2,R07_3	10	64012
3	R05_2,R05_10,R05_11	82k 2W	63031
4	R05_3,R05_4,R05_8,R05_9	150k	64020
1	R05_7	68k	64053
7	R06_1,R06_7,R06_8,R07_4, R08_1,R08_17,R09_1	3k3	64021
1	R06_4	47k	64033
1	R07_5	47	64018
1	R09_2	2k2 PR02	63112
Capacitors			
2	C00_1,C00_6	1uF (X2 400V)	63462
2	C00_2,C00_3	4.7nF Y	63461
3	C00_4,C00_5,C00_7	470uF (400V)	63447
6	C00_8,C00_9,C03_1,C05_2, C08_2,C09_4	100nF (50V)	64006
7	C01_1,C04_8,C04_9,C04_10, C08_4,C09_3,C09_5	100uF (35V)	64051
2	C01_7,C01_8	100uF (50V)	63364
2	C01_7BIS,C01_8BIS	100uF (50V) NI NI	
1	C04_3	47nF (50V)	63457
2	C04_4,C04_6	1uF (16V)	64029
3	C04_5,C05_3,C06_1	22uF (35V)	64050
7	C04_7,C05_4,C05_5,C05_6, C08_1,C08_7,C09_6	470nF (50V)	64028
1	C04_11	2200uF (40V)	63267
4	C05_1,C07_1,C07_2,C07_3	10nF (50V)	64007
1	C07_4	1nF (50V)	64008
2	C09_1,C09_2	4n7 Y NI	63461 NI
1	C11	4.7nF Y NI	63461 NI

Integrated Circuits

1	U00_1	SFH6156-2	64055
1	U04_1	UC3845D	64057
1	U05_1	L6386	64079
1	U08_1	LM324D	64054
1	U09_1	SF601-3	63455

Transistors

1	Q00_1	MJD50T4	64071
1	Q00_2	BF821	64073
7	Q00_3, Q01_3, Q03_1, Q06_1, Q08_1, Q08_2, Q09_1	BSR14	64002
1	Q01_2	MJD122	64052
1	Q01_4	PZT2222A	64106
1	Q01_5	MMBTA06	64070
1	Q01_6	TIP122	63449
3	Q04_2, Q06_2, Q09_2	BSR16	64001

Diodes

9	D00_1, D00_2, D00_3, D00_4, D00_6, D00_8, D00_9, D01_11, D09_2	SM4007	64030
4	D00_5, D00_10, D01_9, D01_10	ZMM22	64031
3	D01_2, D01_5, D01_8	BYD77D	64000
4	D01_3, D01_6, D05_3, D05_4	BZV55C16	64023
3	D01_12, D06_1, D09_9	BAS32L	64014
1	D05_1	BZV55C5V6	64036
2	D05_2, D05_5	BAT42W	64026
1	D06_2	BAT42W NI	64026 NI
3	D09_1, D09_7, D09_8	BZV55C10	64027
2	D09_3, D09_4	BZV55C10 NI	64027 NI
2	D09_5, D09_6	BZV55C22	64031
1	D10	SMCJ 188CA	64117

Relay

1	RL00_1	Relais 110V 16A52617
2	RL00_2, RL00_3	Relais 16A 12V 52669

Resistor var

1	RV03_1	1k NI	63086 NI
1	RV03_2	1k	63086
1	RV03_3	10k	63094

Divers

1	L00_1	2 x 1.6 mH	63667
1	L01_1	LED Verte	63327
1	L08_1	LED Orange	63328
1	SG1	SG110	63280
1	PONT50A		52215
1	TR1	TR_E55	64124
1	VAR00_1	SK14K420	63446
1	Ventilateur	92*92*25 6.4W	51032