

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

SOMMAIRE

PAGE 1	:	CIE_RADIO.1	PAGE 26	:	BUFFER.4
PAGE 2	:	CIE_RADIO.2	PAGE 27	:	BUFFER.5
PAGE 3	:	CIE_RADIO.3	PAGE 28	:	CREFOUT.1
PAGE 4	:	MW_BF.1	PAGE 29	:	CREFOUT.2
PAGE 5	:	BF.1	PAGE 30	:	CREFOUT.3
PAGE 6	:	BF.2	PAGE 31	:	CREFOUT.4
PAGE 7	:	BF.3	PAGE 32	:	CREFOUT.5
PAGE 8	:	RECEPTION.1	PAGE 33	:	CREFOUT.6
PAGE 9	:	RECEPTION.2	PAGE 34	:	CREFOUT.7
PAGE 10	:	EMISSION.1	PAGE 35	:	CREFOUT.8
PAGE 11	:	EMISSION.2			
PAGE 12	:	EMISSION.3			
PAGE 13	:	EMISSION.4			
PAGE 14	:	SYNTHESIS.1			
PAGE 15	:	SYNTHESIS.2			
PAGE 16	:	DAC_SYNTHE.1			
PAGE 17	:	DAC_SYNTHE.2			
PAGE 18	:	FPGA_BLOCK.1			
PAGE 19	:	FPGA_BLOCK.2			
PAGE 20	:	POWER_SUPPLY.1			
PAGE 21	:	POWER_SUPPLY.2			
PAGE 22	:	POWER_SUPPLY.3			
PAGE 23	:	BUFFER.1			
PAGE 24	:	BUFFER.2			
PAGE 25	:	BUFFER.3			

DRAWING

CIE_RADIO
CIE_RADIO

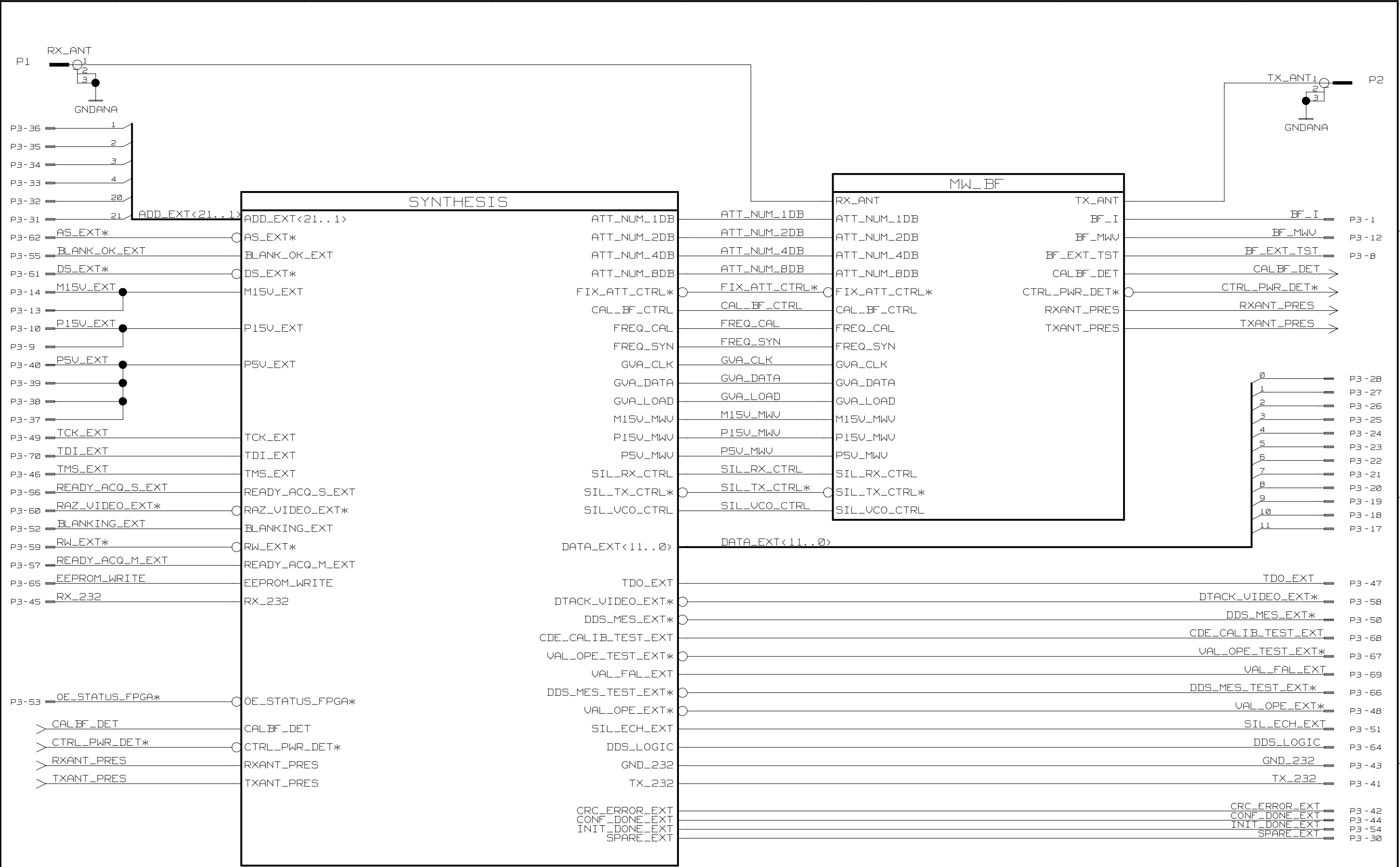
LAST_MODIFIED= Tue Oct 28 14:13:50 2008
ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.



Nº EVOL	REV.	Nbr /Qty	EVOLUTION / CHANGE			DESS. /DRAWN	DATE	VERIF. /CHECKED
DESSINE / DRAWN O. RAYNAL		DATE 2008-01-24	VERIFIE / CHECKED S. TALLET		DATE 2008-01-24	APPROUVE /APPROVED M. POUZOULET		DATE 2008-01-24
TITRE CIE RADIO								
TITLE .								
THALES THALES COMMUNICATIONS F0057			NUMERO DOCUMENT / DOCUMENT NUMBER			FORMAT /SIZE	PAGE	
			62246210 - 030			A3	1 / 35	
						←		

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

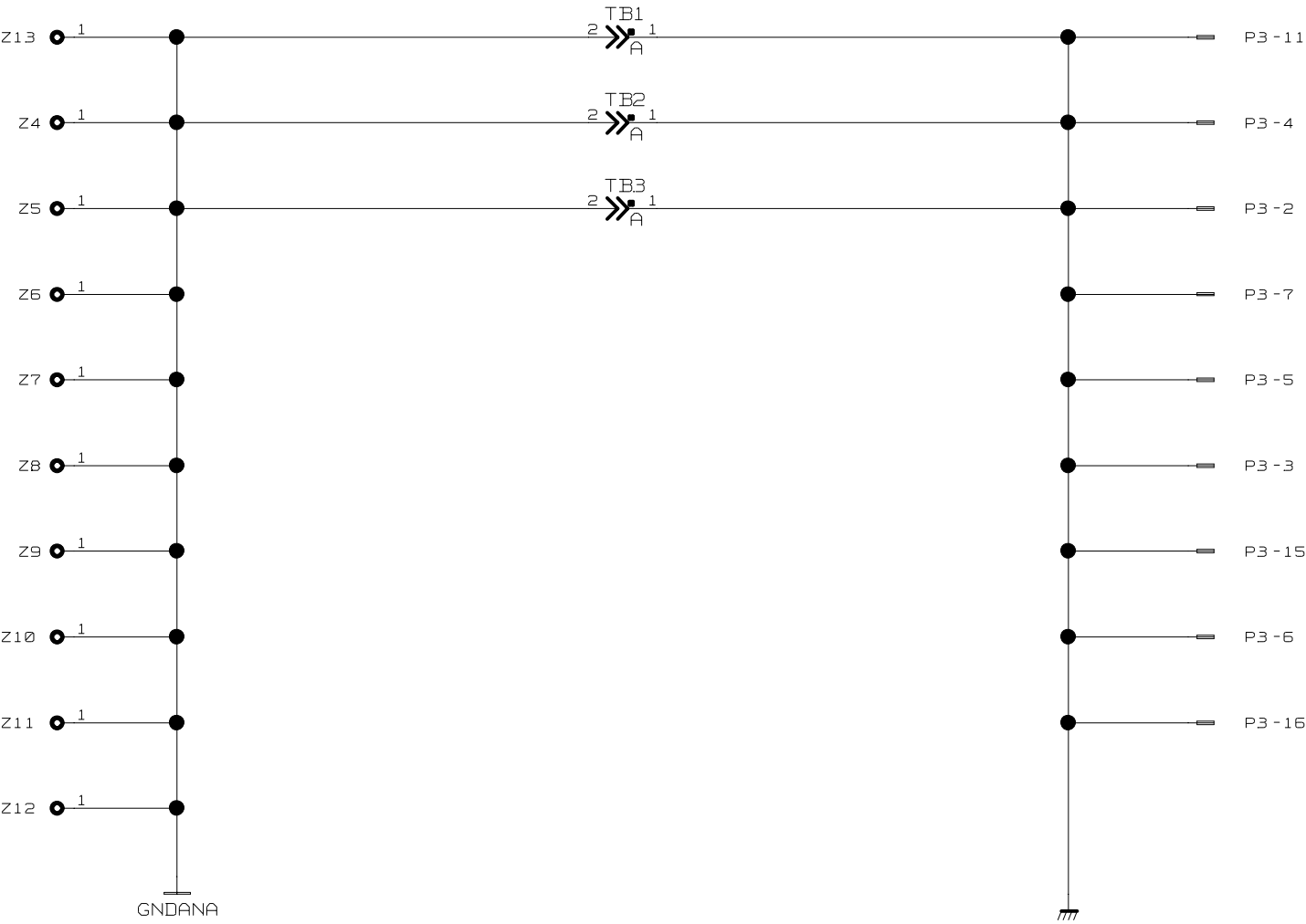
CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



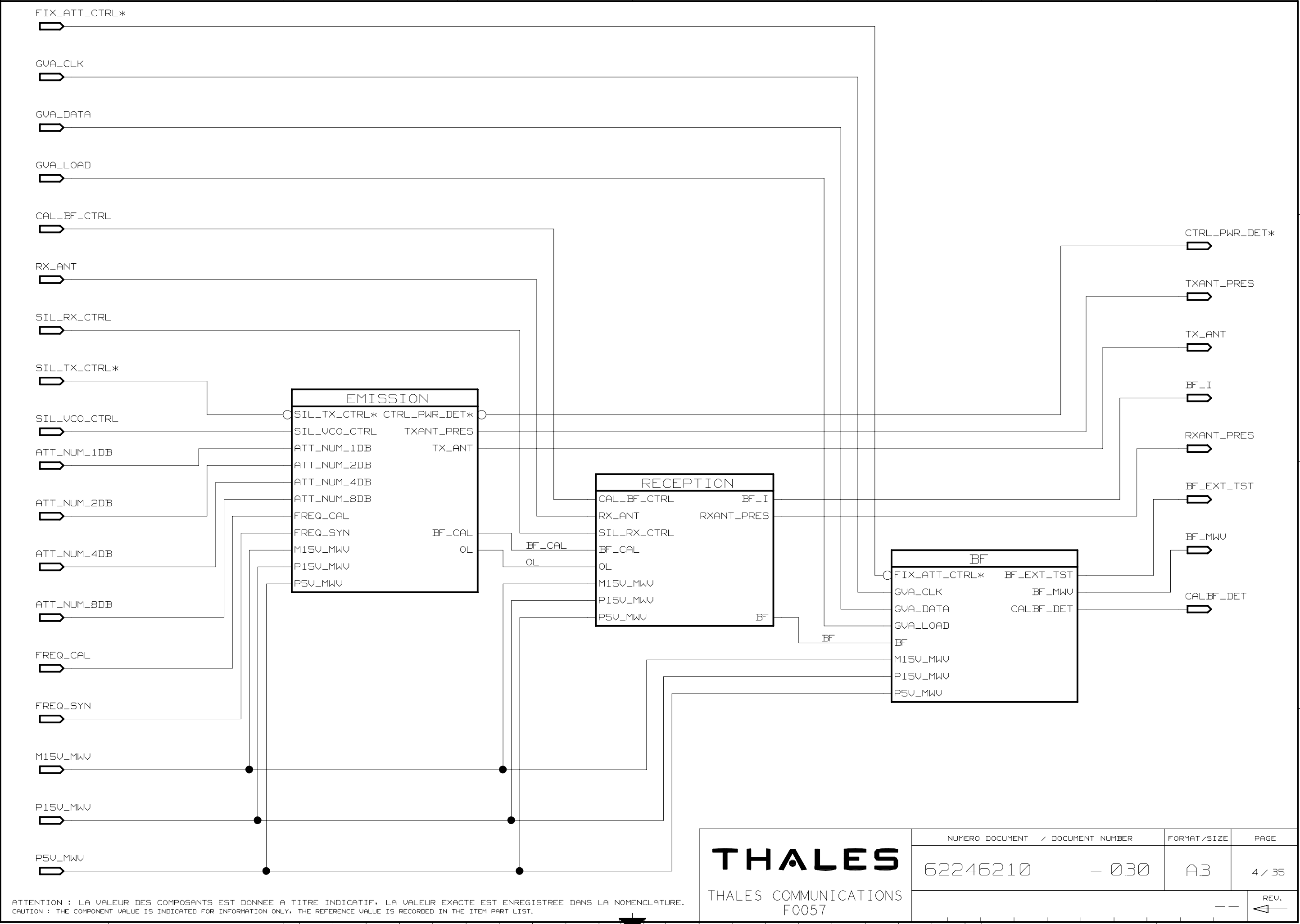
ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES
THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	3 / 35
REV.		←

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

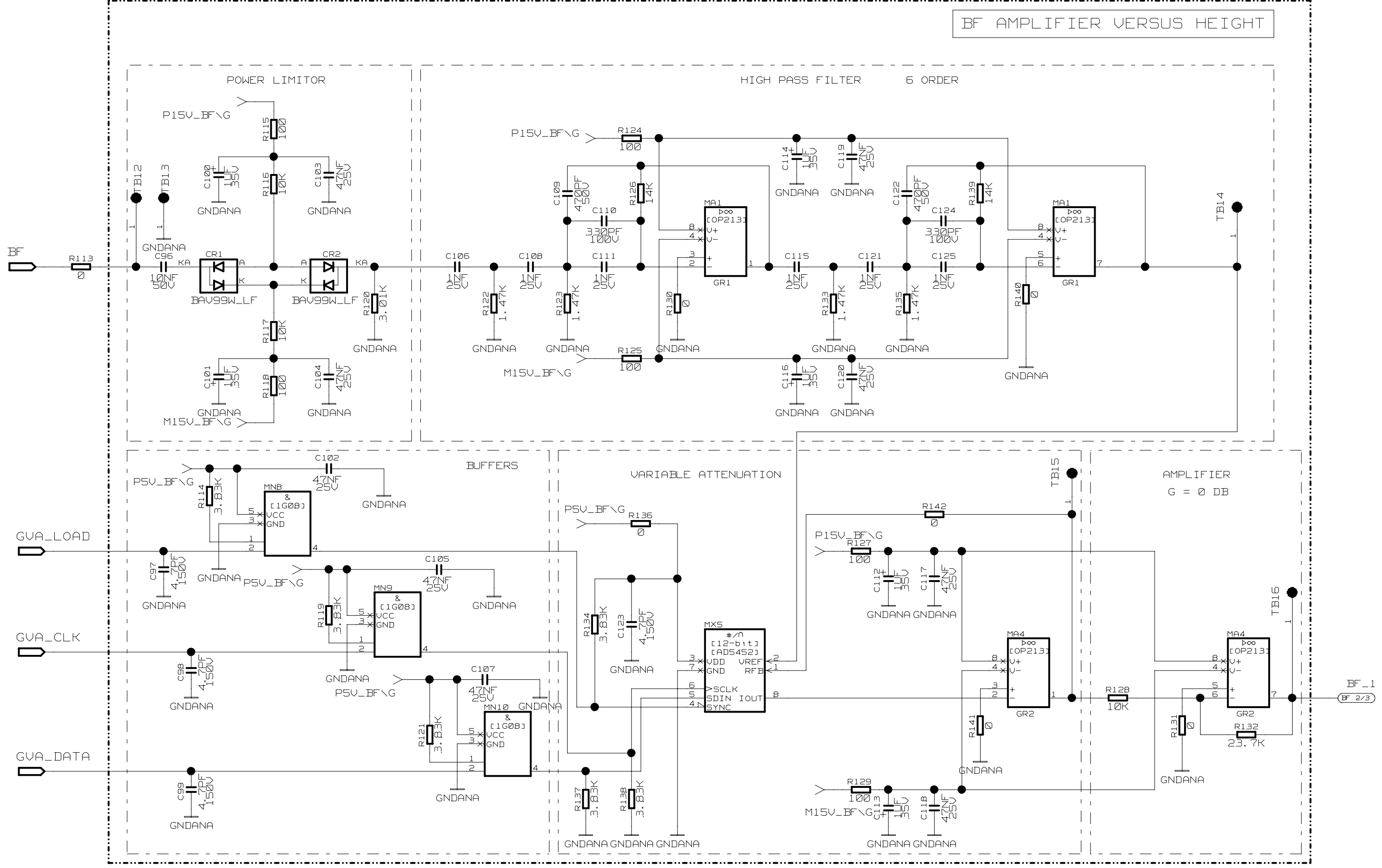


ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES THALES COMMUNICATIONS F0057	NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT/SIZE	PAGE
	62246210 - 0.30		A3	4 / 35
			REV.	

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIÉTÉ EXCLUSIVE DE THALES. ILS NE DOIVENT ÊTRE COMMUNIQUÉS QU'À DES PERSONNES AYANT À EN CONNAÎTRE ET NE PEUVENT ÊTRE REPRODUITS NI DIVULGUÉS À TOUTE AUTRE PERSONNE SANS L'AUTORISATION PRÉALABLE ÉCRITE DE THALES.



BF CHAIN 1\3

DRAWING:
BF
BF

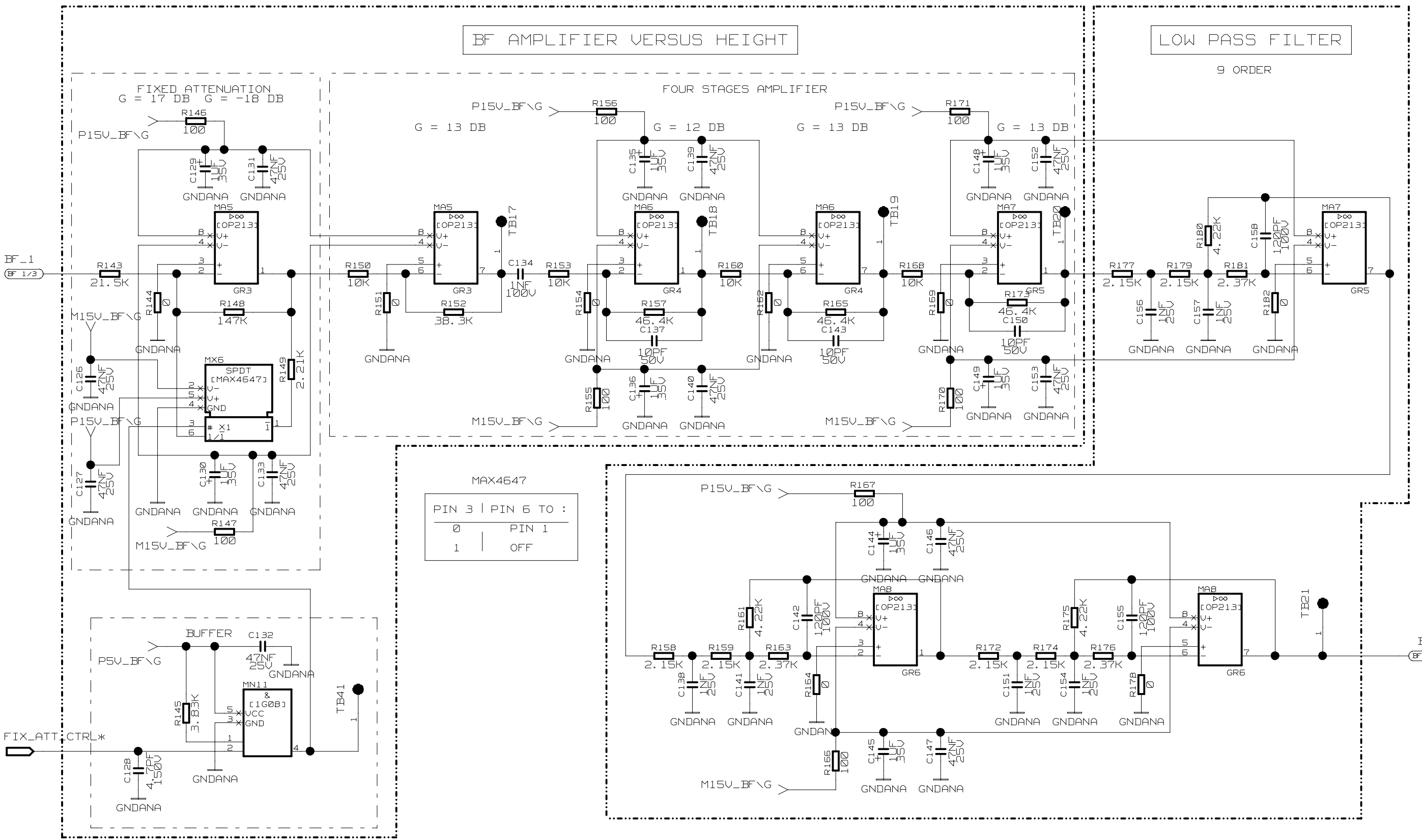
Tue Oct 28 14:13:58 2008

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNÉE À TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTRÉE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES THALES COMMUNICATIONS F0057	NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
	62246210 - 0.30	A3	5 / 35
			REV. 4

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



BF CHAIN 2\3

THALES
THALES COMMUNICATIONS
F0057

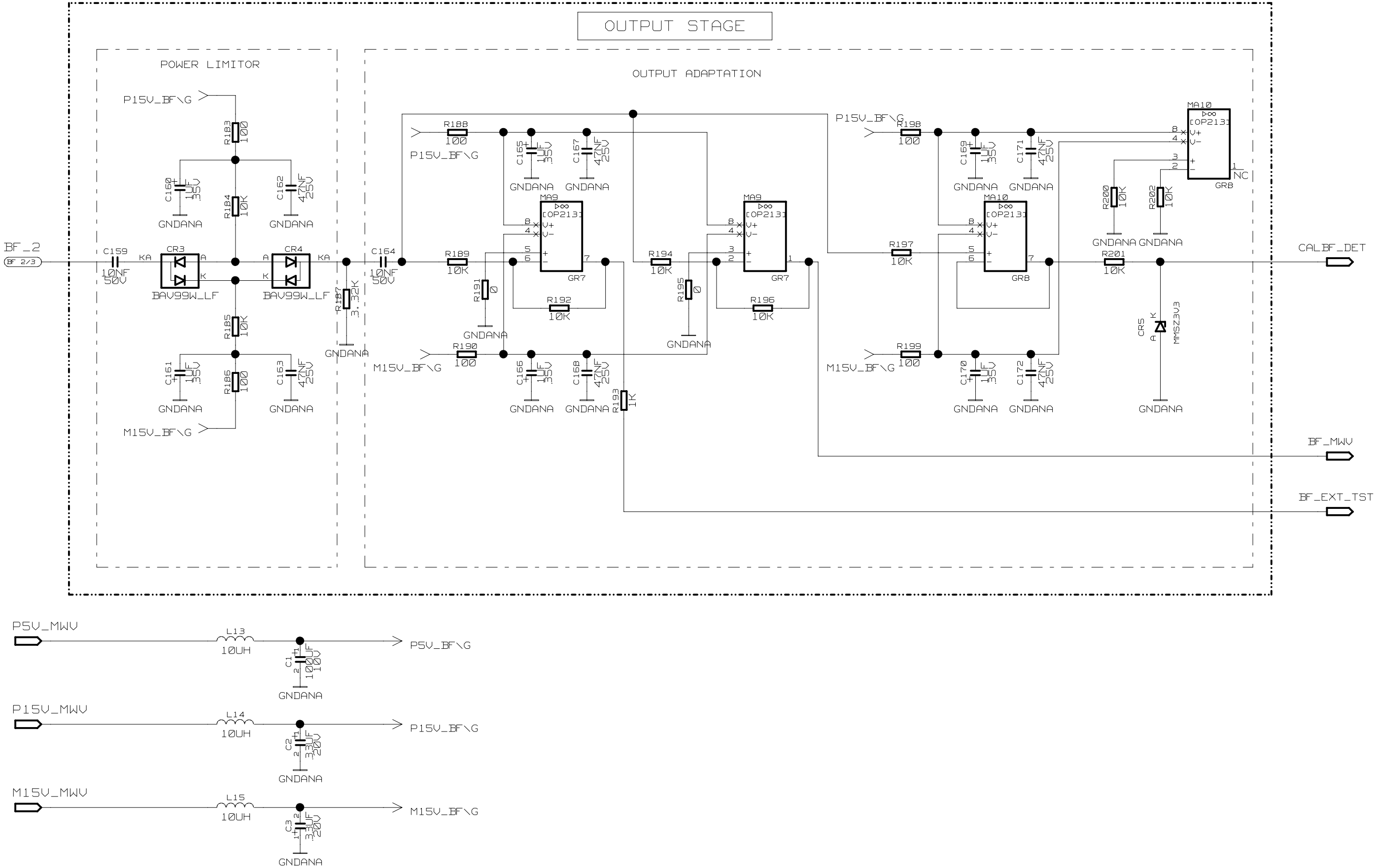
NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	6 / 35

REV. 4

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



BF CHAIN 3\3

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	7 / 35
		REV. 4

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

I G F E D C B A

RX_ANT

L16
6.8NH

PRINTED FILTER
RECEIVER

FILTER_RA_RX
FL1
IN OUT
BAND=400 MHz
FREQUENCY=4.3 GHz

POWER LIMITOR

CR6
A1 A2
K
GNDANA
CR8
A1 A2
K
GNDANA
L37
6.8NH
GNDANA

ANTENNA CONTROL

P5V_REC\G
R203 1K
CR7 1SMC60A_LF 5.8V
C173 1NF 100V
R204 10K
R205 4.64K
CR9 BAV99W_LF
P5V_REC\G
TB22
C174 4.7PF 150V
R207 3.83K
MN12 & C1G0B3
VCC GND
C175 47NF 25V
C177 1NF 100V
TB23
R301 4.64K
R302 10K
GNDANA

MICROWAVE RECEIVER

P5V_REC\G
R208 82.5
C178 100UF 10V
C180 47NF 25V
GNDANA GNDANA
MA20
[MGA-665PB]
VDD GND[A]
NC PAD
PD OUT
C179 2.2PF 150V
ADAPTATION IMPEDANCE
GNDANA
L18 6.8NH
C181 4.7PF 150V
GNDANA
STUB
C182 4.7PF 150V
REC_SIG
REC 2/2

DRAWING:
RECEPTION
RECEPTION

Tue Oct 28 14:14:03 2008

RECEIVER FM/CW SIGNAL 1/2

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	8 / 35

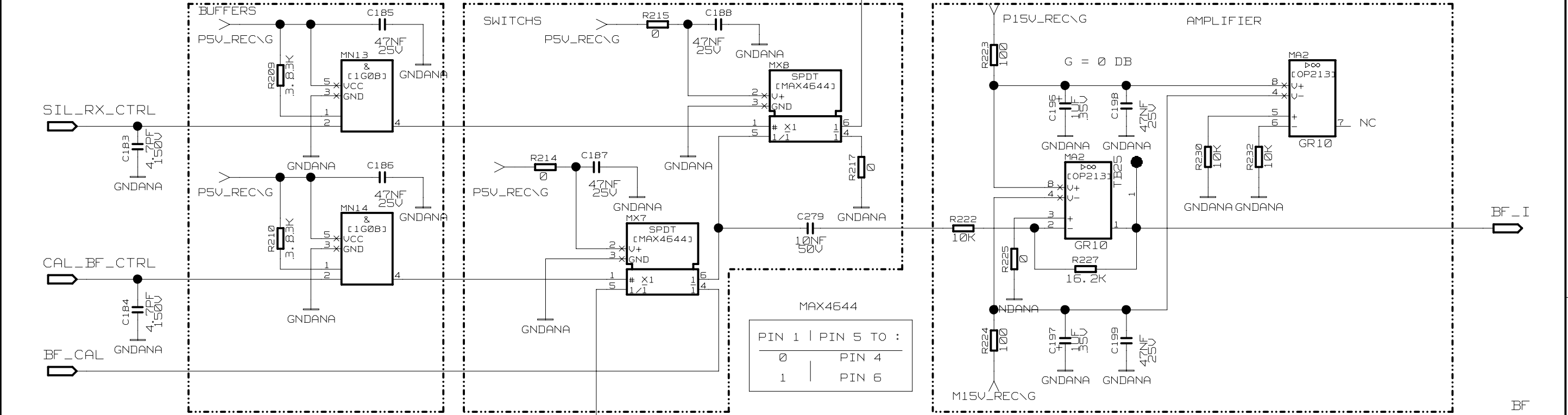
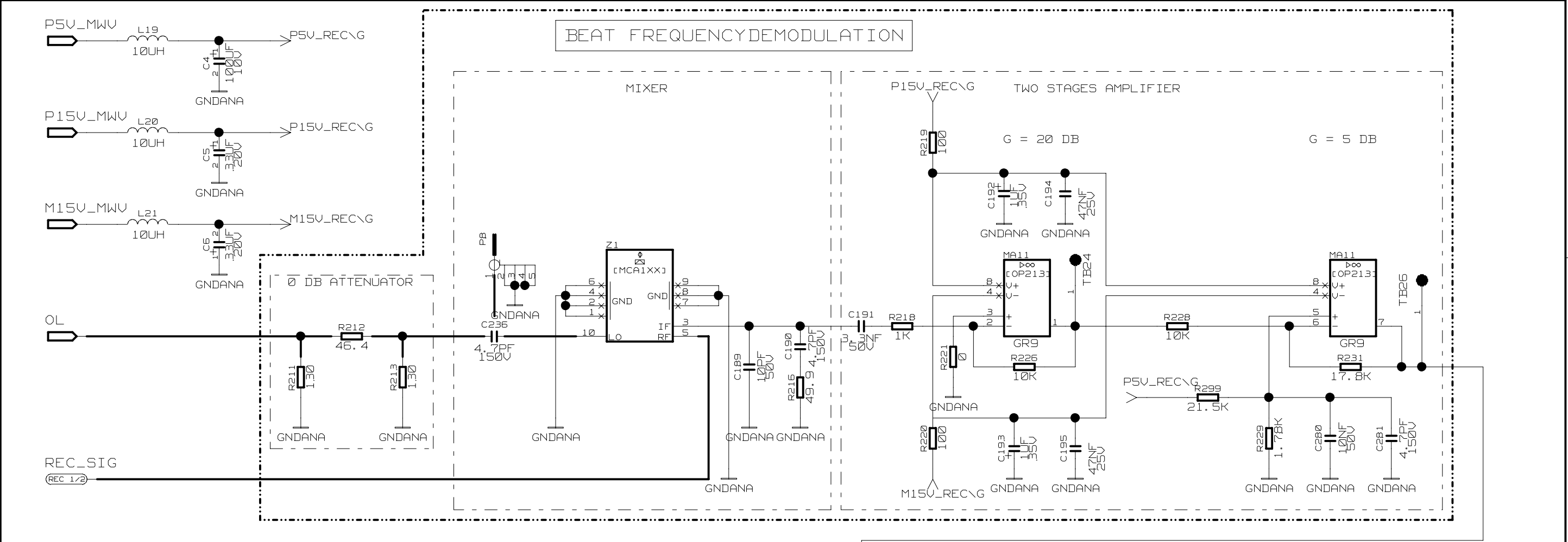
ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

REV.
←

H G F E D C B A

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



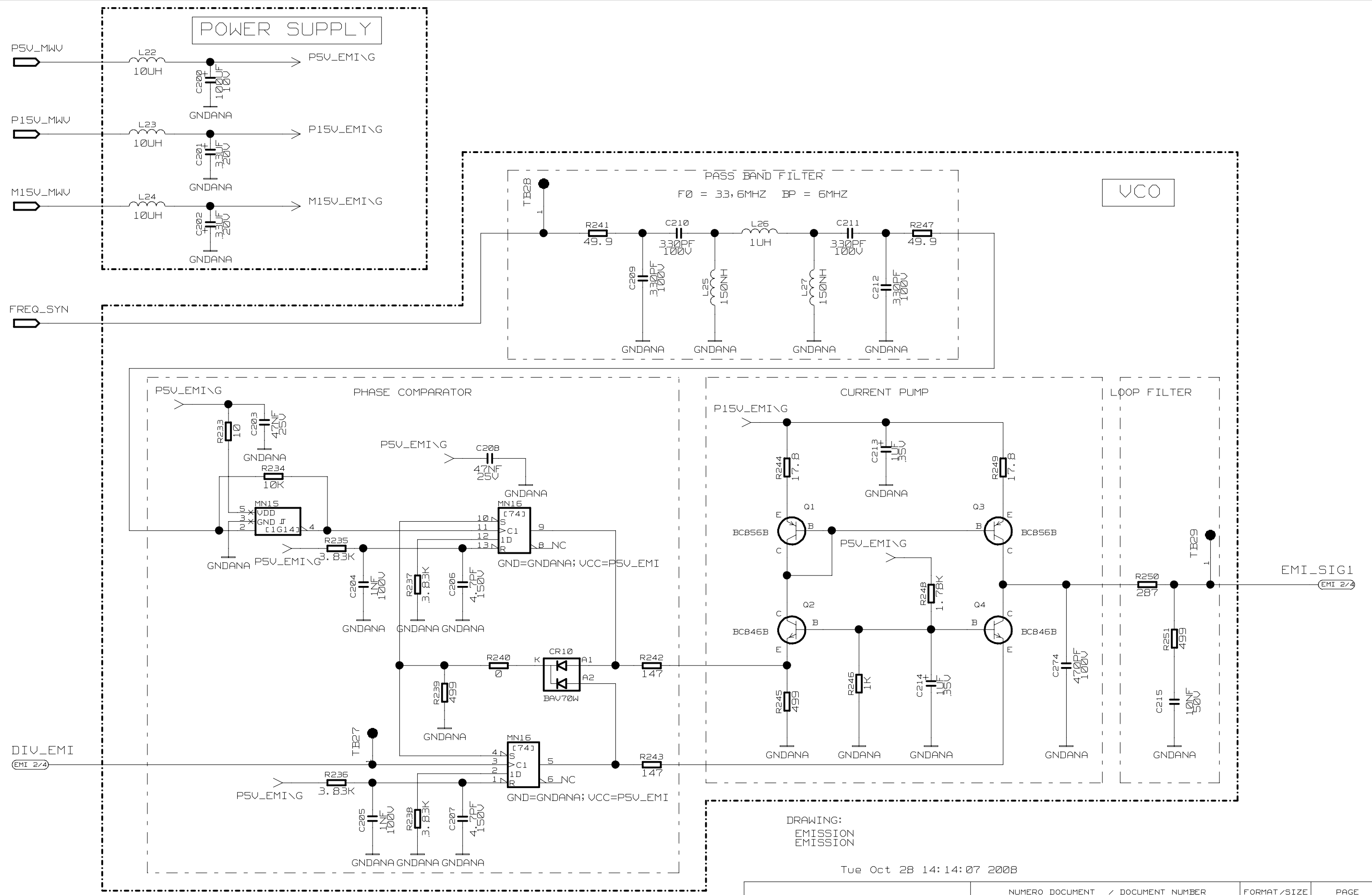
RECEIVER FM/CW SIGNAL 2/2

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES THALES COMMUNICATIONS F0057	NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT / SIZE	PAGE
	62246210 - 0.30		A3	9 / 35
				REV.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



TRANSMITTER FM/CW SIGNAL 1/4

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	10 / 35

REV.

←

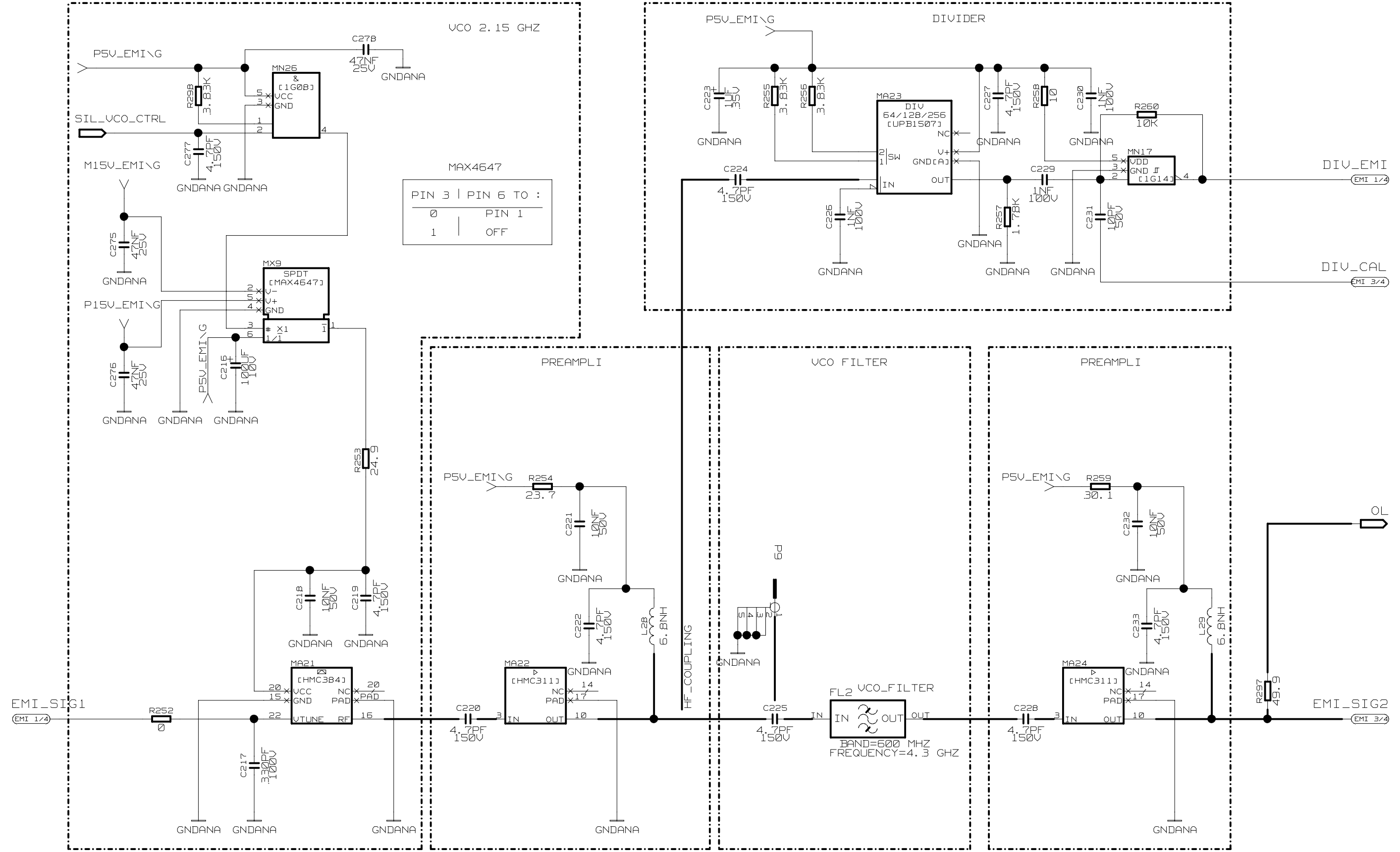
ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

DRAWING:
EMISSION
EMISSION

Tue Oct 28 14:14:07 2008

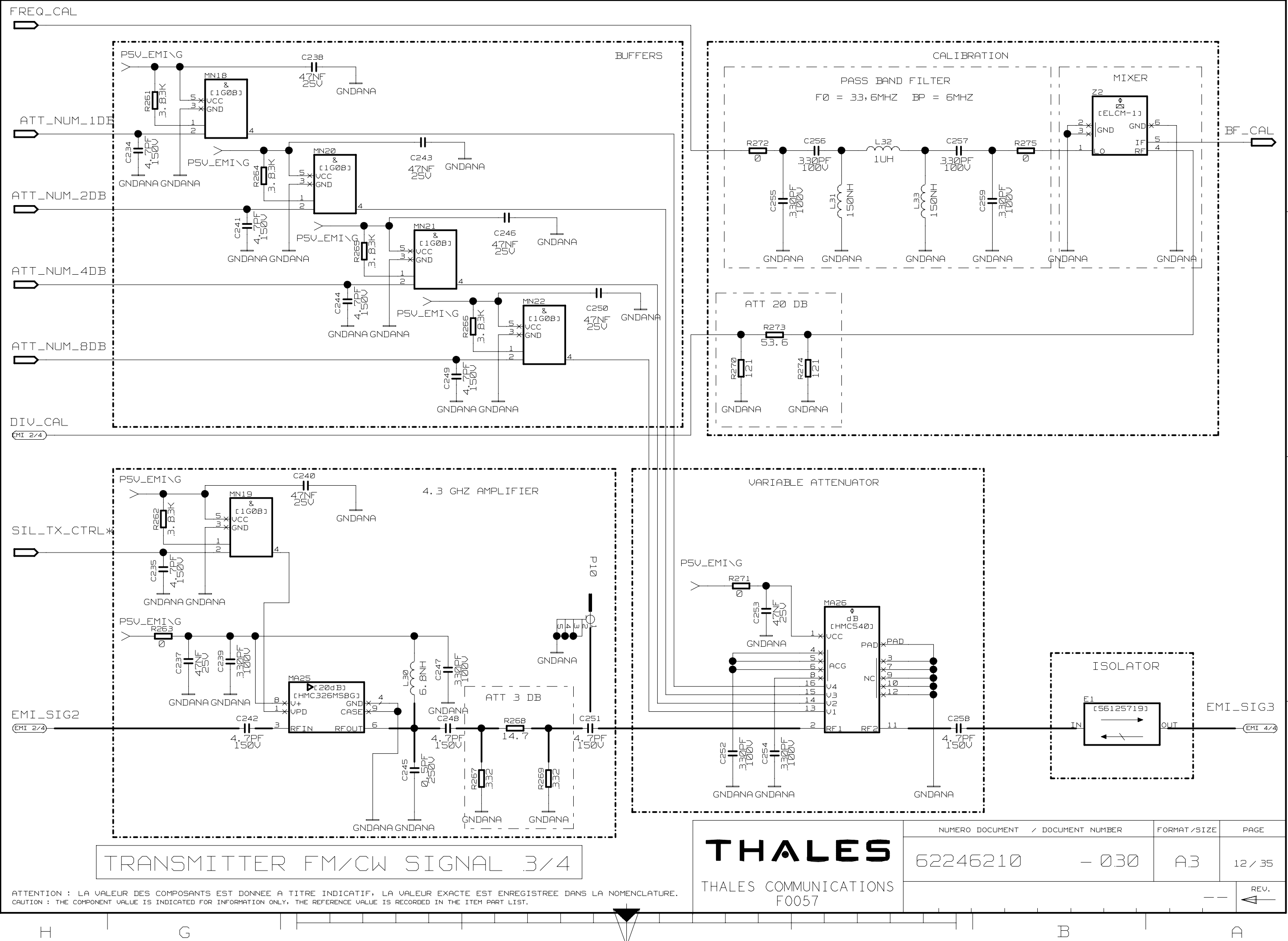
THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

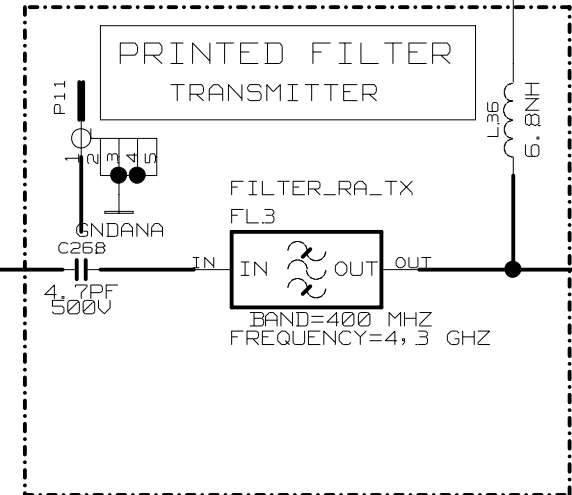
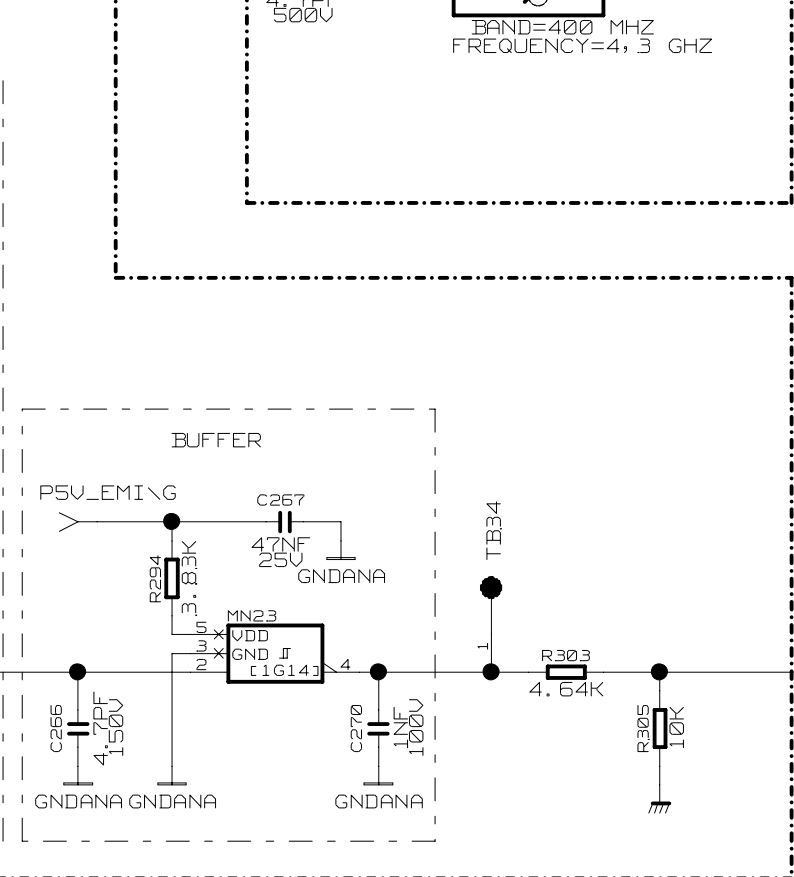
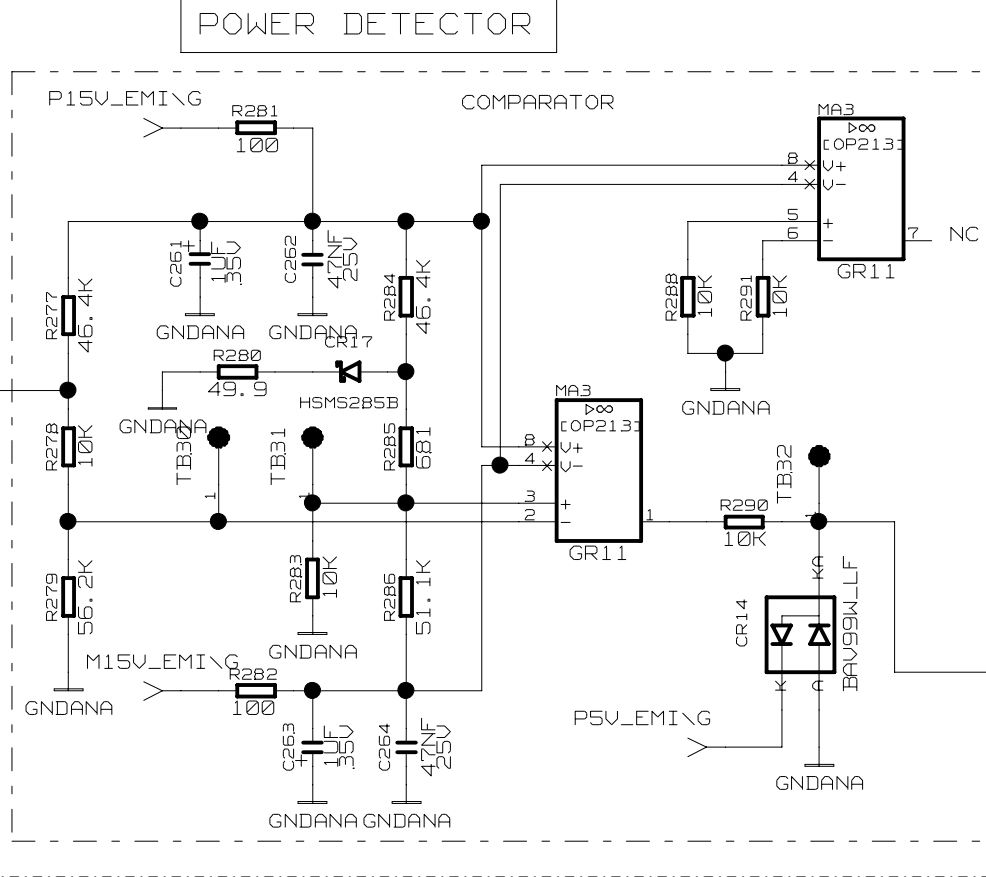
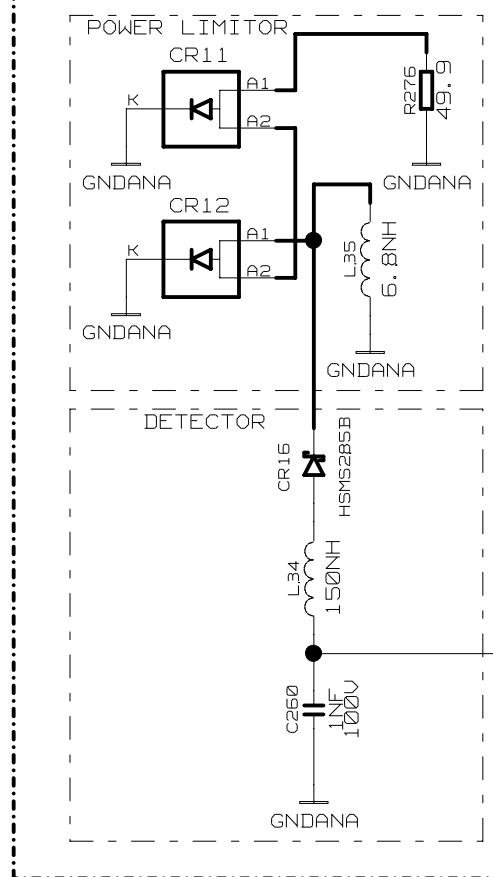


THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

I G F E D C B A

EMI_SIG3
(EMI 3/4)



TRANSMITTER FM/CW SIGNAL 4/4

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 030	A3	13 / 35

REV.

4

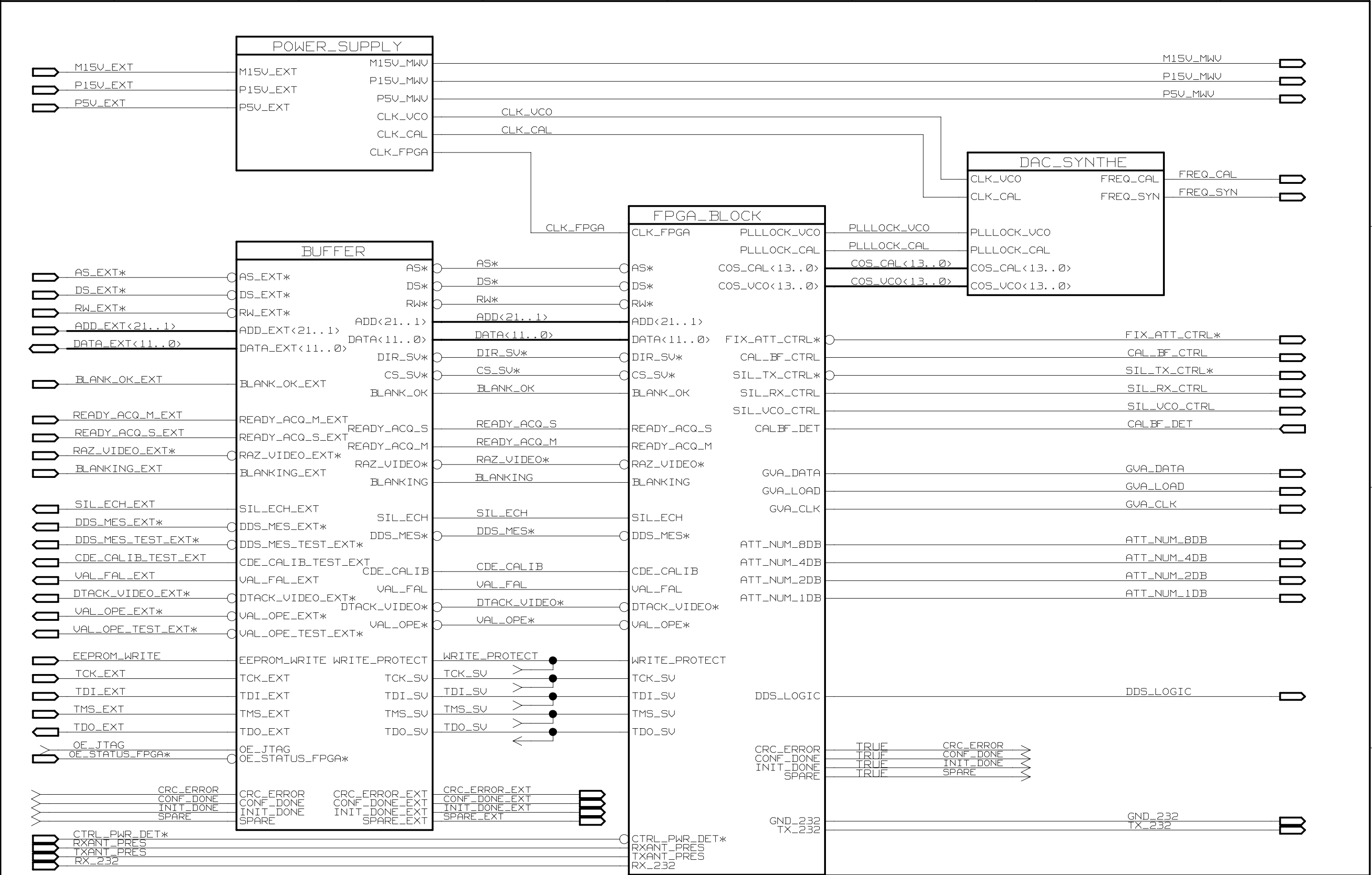
ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

H G F E D C B A

4
3
2
1

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



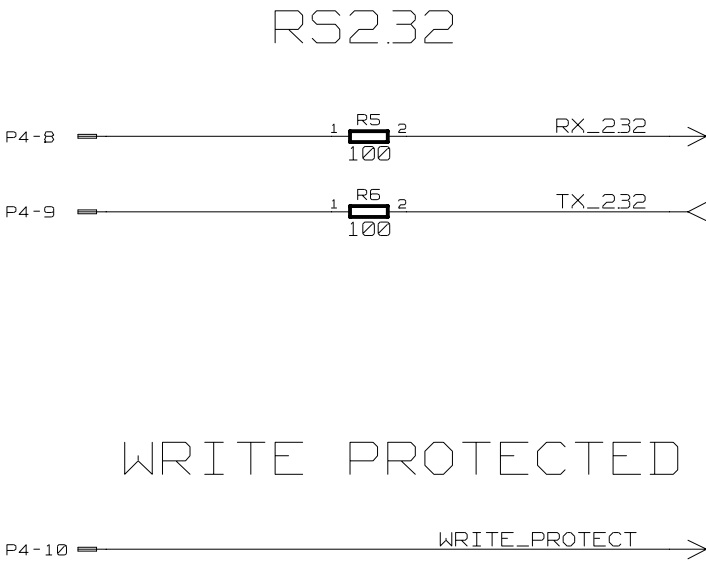
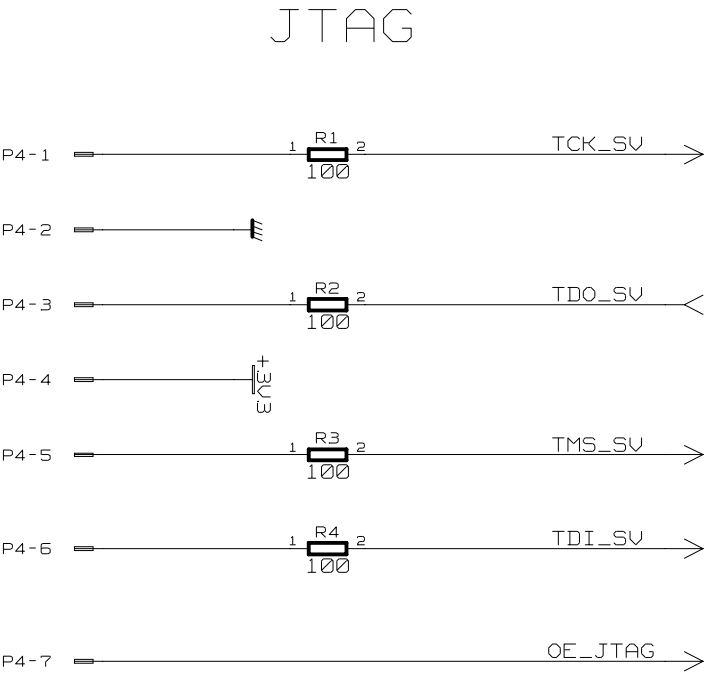
ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES	NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT / SIZE	PAGE
	62246210 - 0.30		A3	14 / 35
	THALES COMMUNICATIONS F0057		REV.	

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

PROGRAMMING CONNECTOR



ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES THALES COMMUNICATIONS F0057	NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
	62246210 - 0.30	A3	15 / 35
	REV.		

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

DAC_SYNTH

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER

62246210

- 0.30

FORMAT / SIZE

A3

PAGE

16 / 35

REV.
4

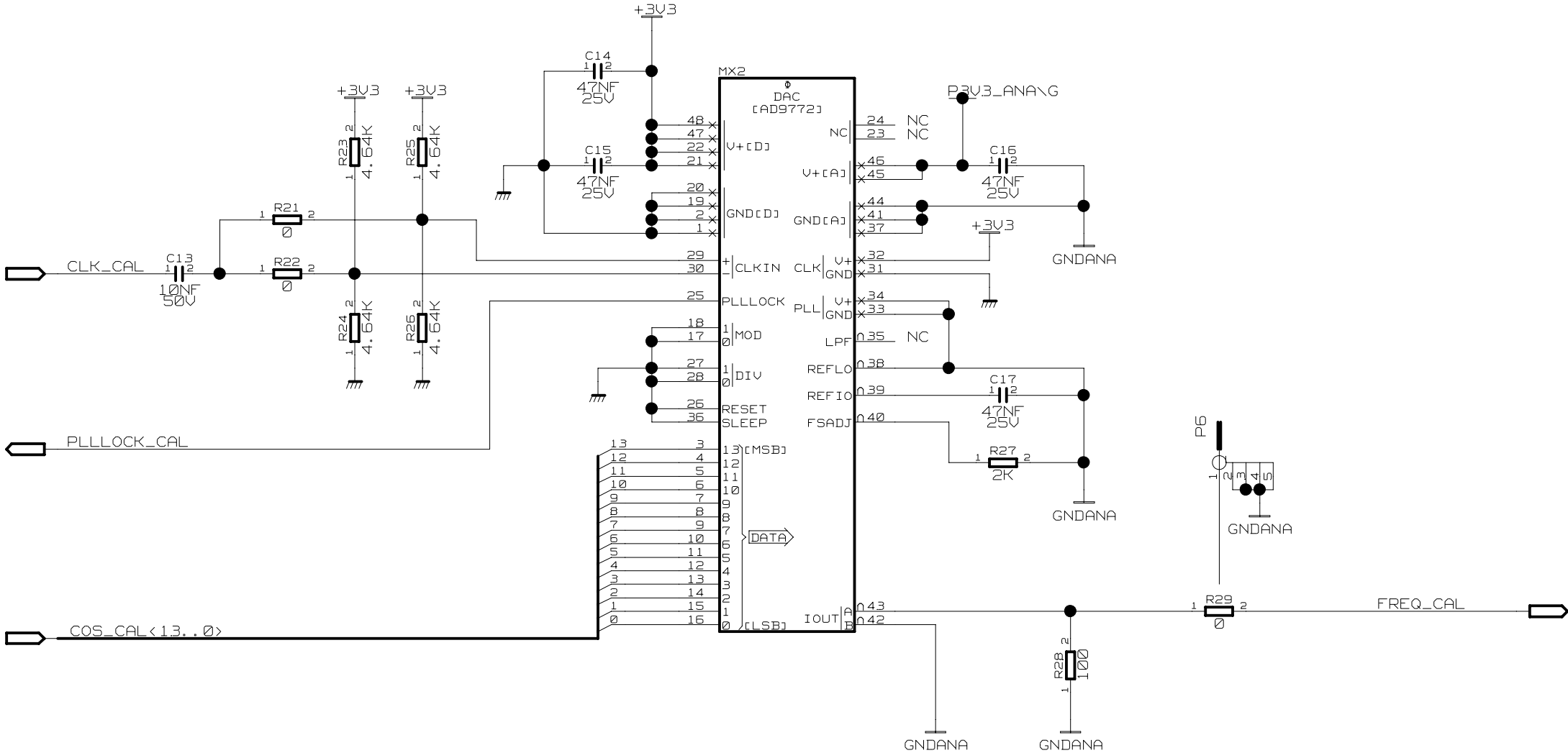
THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

DAC_SYNTHE

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES	NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT / SIZE	PAGE
	62246210 - 0.30		A3	17 / 35
	THALES COMMUNICATIONS F0057		REV.	←



4

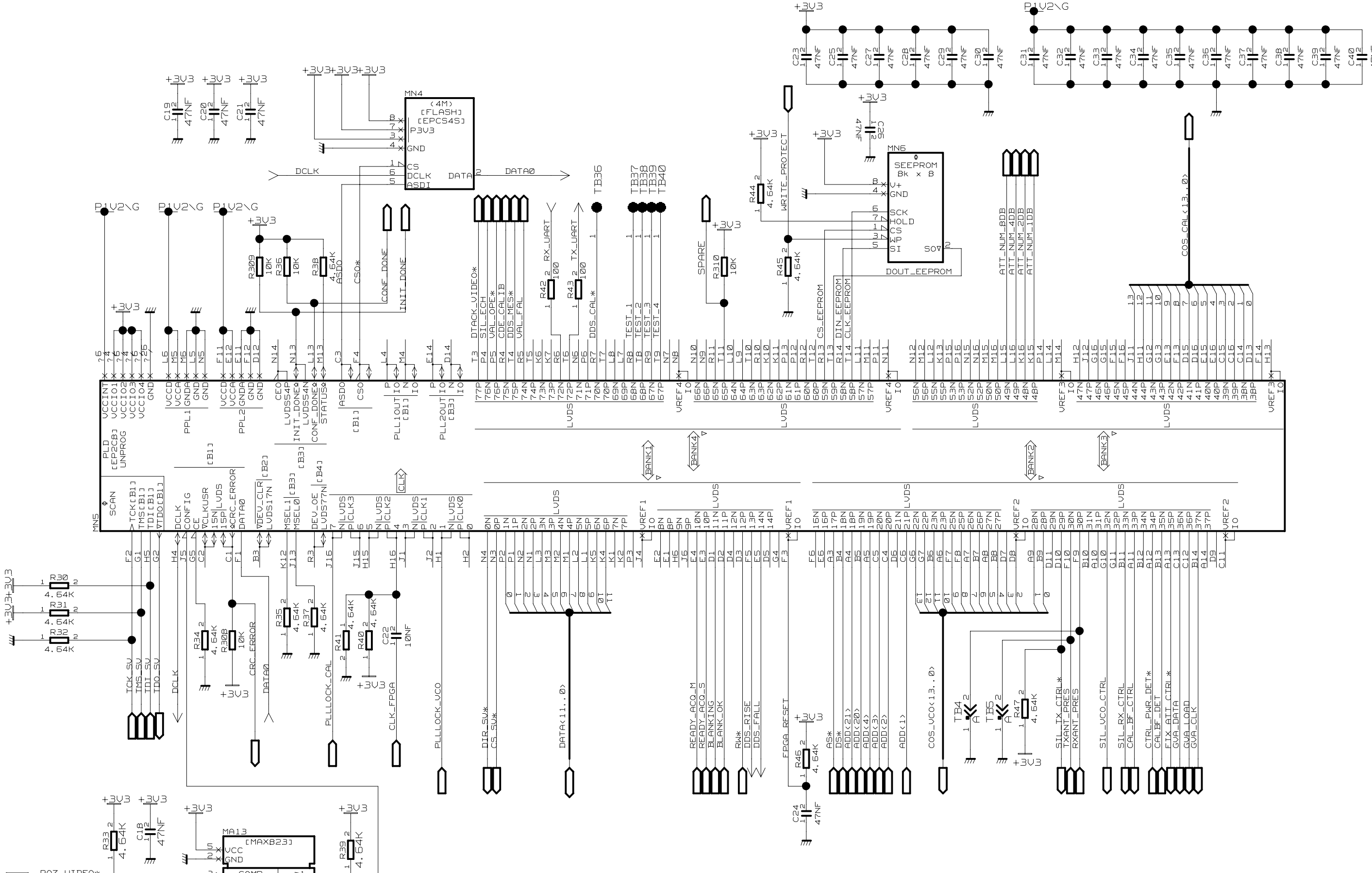
3

2

1

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



DRAWING:
FPGA_BLOCK
FPGA_BLOCK
Tue Oct 28 14:14:20 2008

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

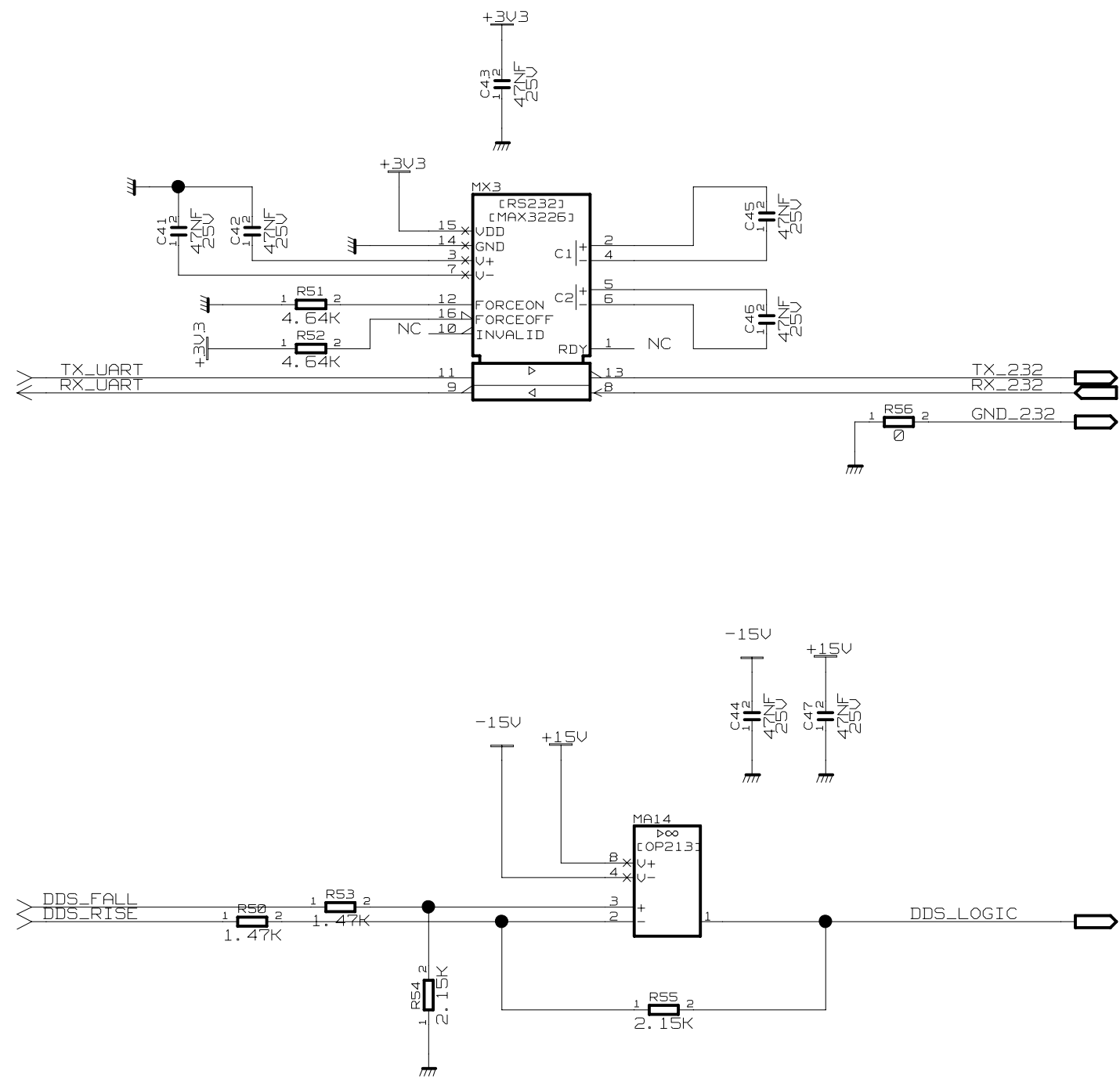
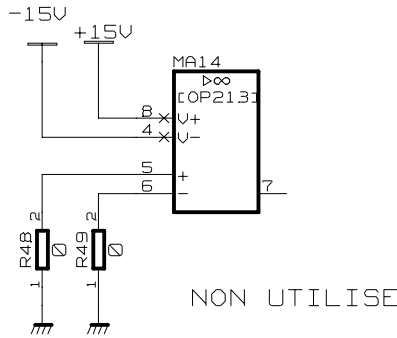
FPGA_BLOCK

THALES
THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT / SIZE	PAGE
62246210 - 030		A3	18 / 35
		REV.	

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



FPGA_BLOCK

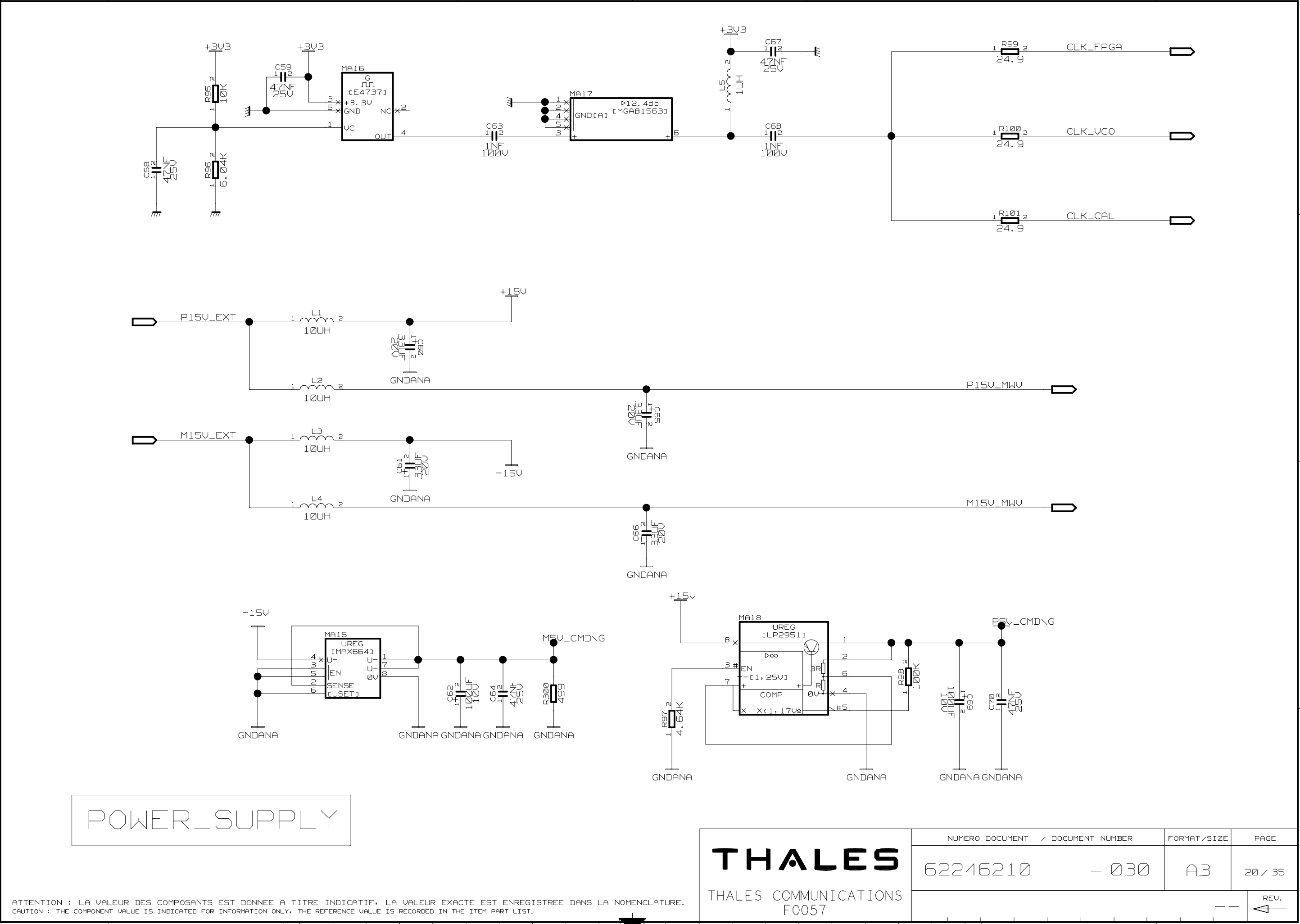
THALES
THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	19 / 35
		REV. 4

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



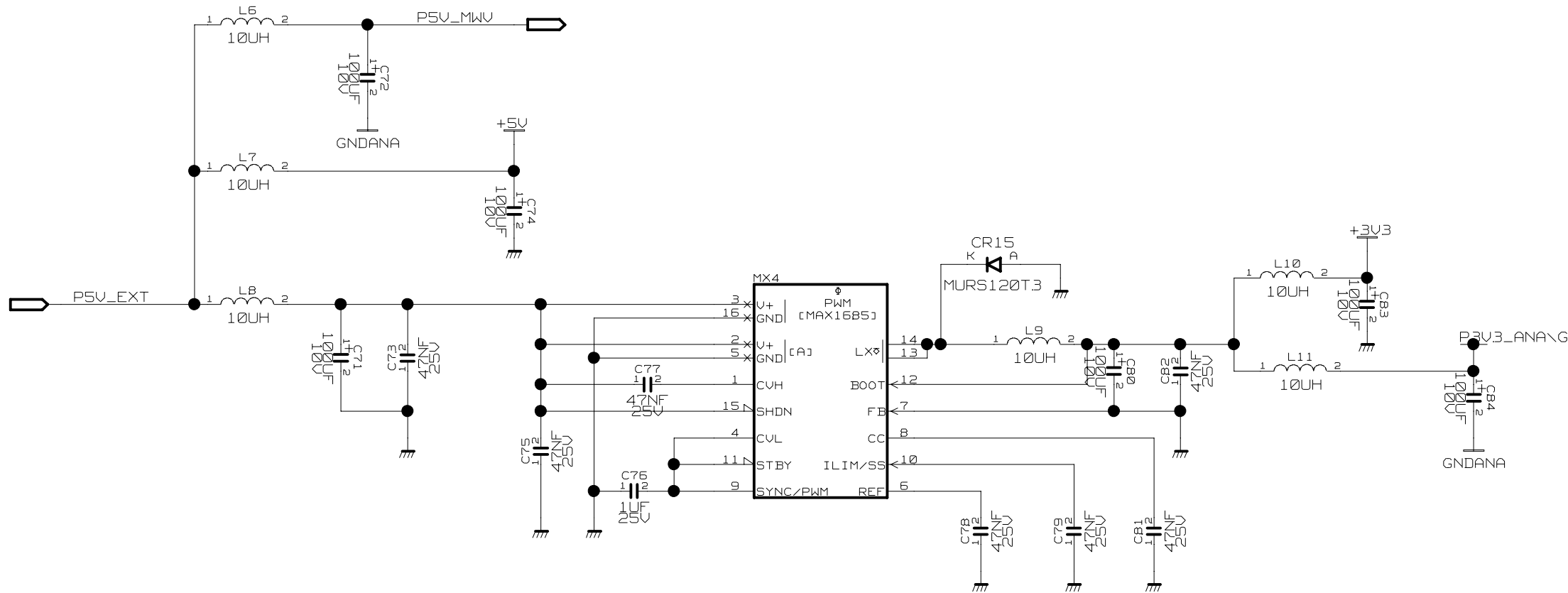
THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

POWER_SUPPLY

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES	NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT / SIZE	PAGE
	62246210 - 0.30		A3	21 / 35
	THALES COMMUNICATIONS F0057		REV.	4



1

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEZ NI AUX PERSONNES AVANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

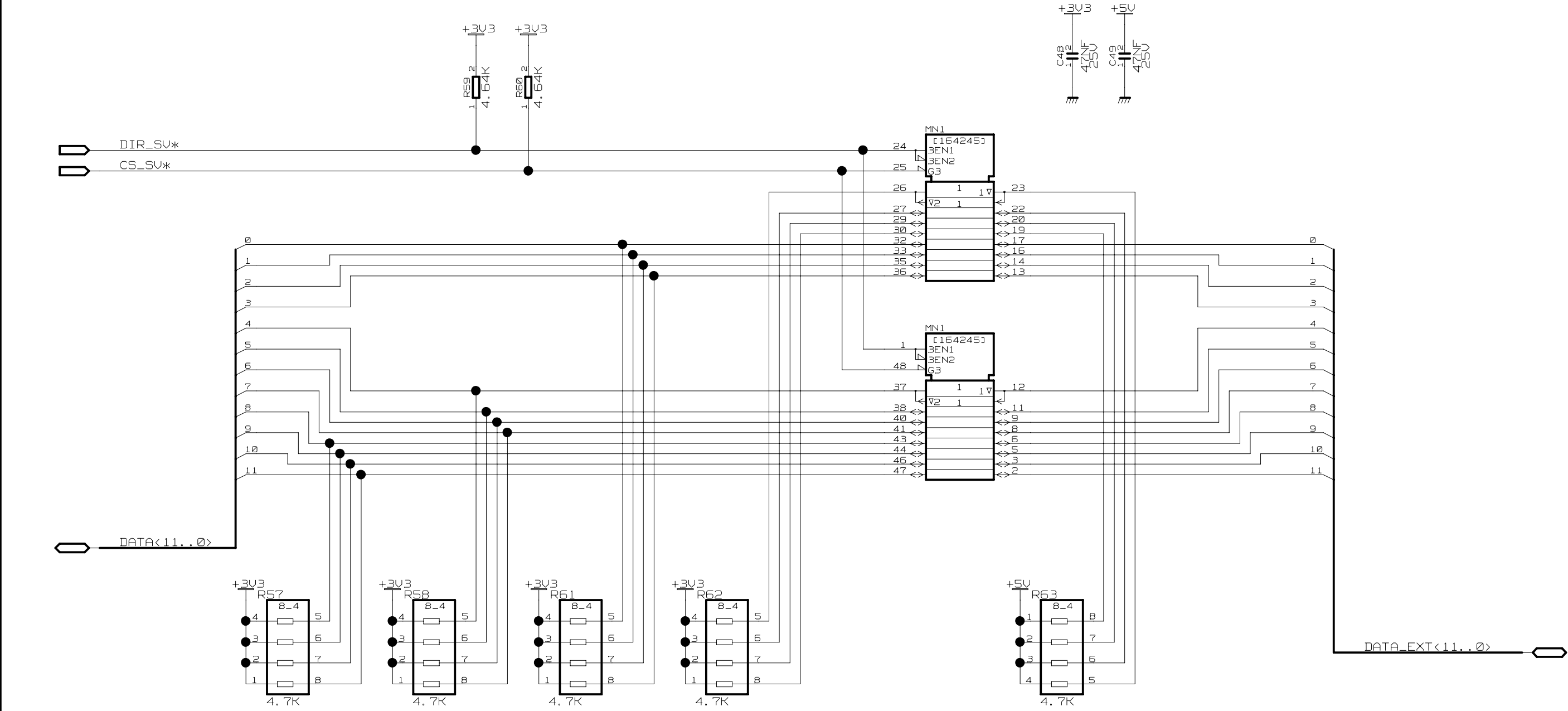


THALES THALES COMMUNICATIONS F0057	NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT/SIZE	PAGE
	62246210 — 030		A3	22 / 35

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



BUFFERS

THALES

THALES COMMUNICATIONS

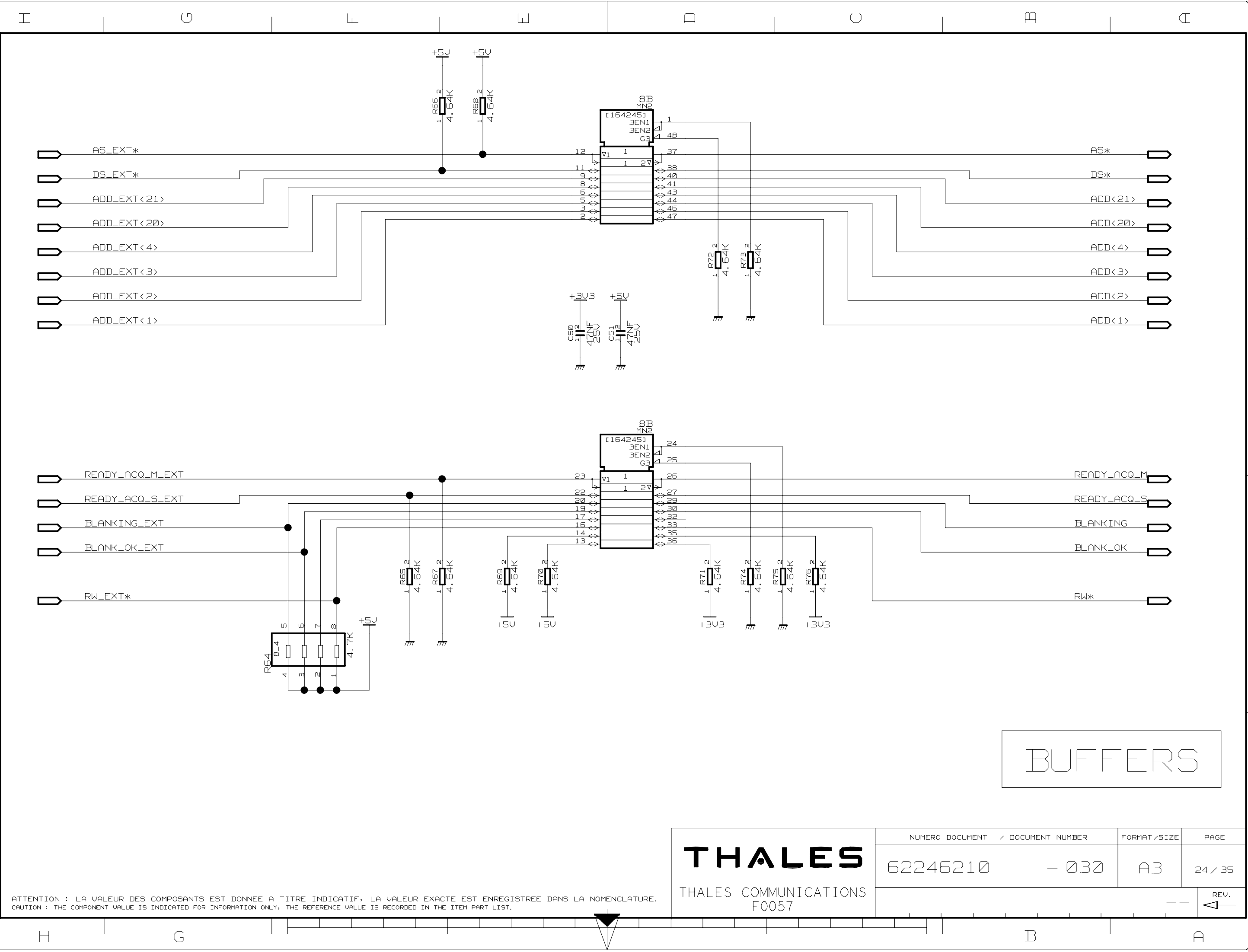
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	23 / 35
		REV.

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



THALES

THALES COMMUNICATIONS

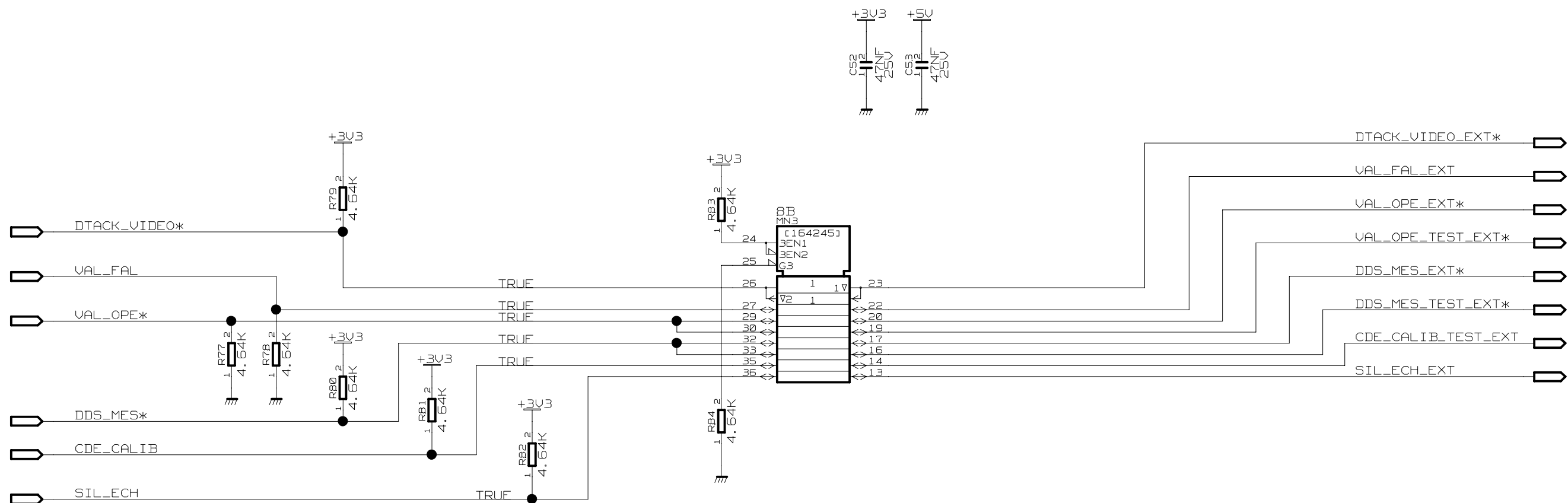
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	24 / 35
REV.		←

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

1

BUFFERS



THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER

62246210

— 0.30

RMAT / SIZE

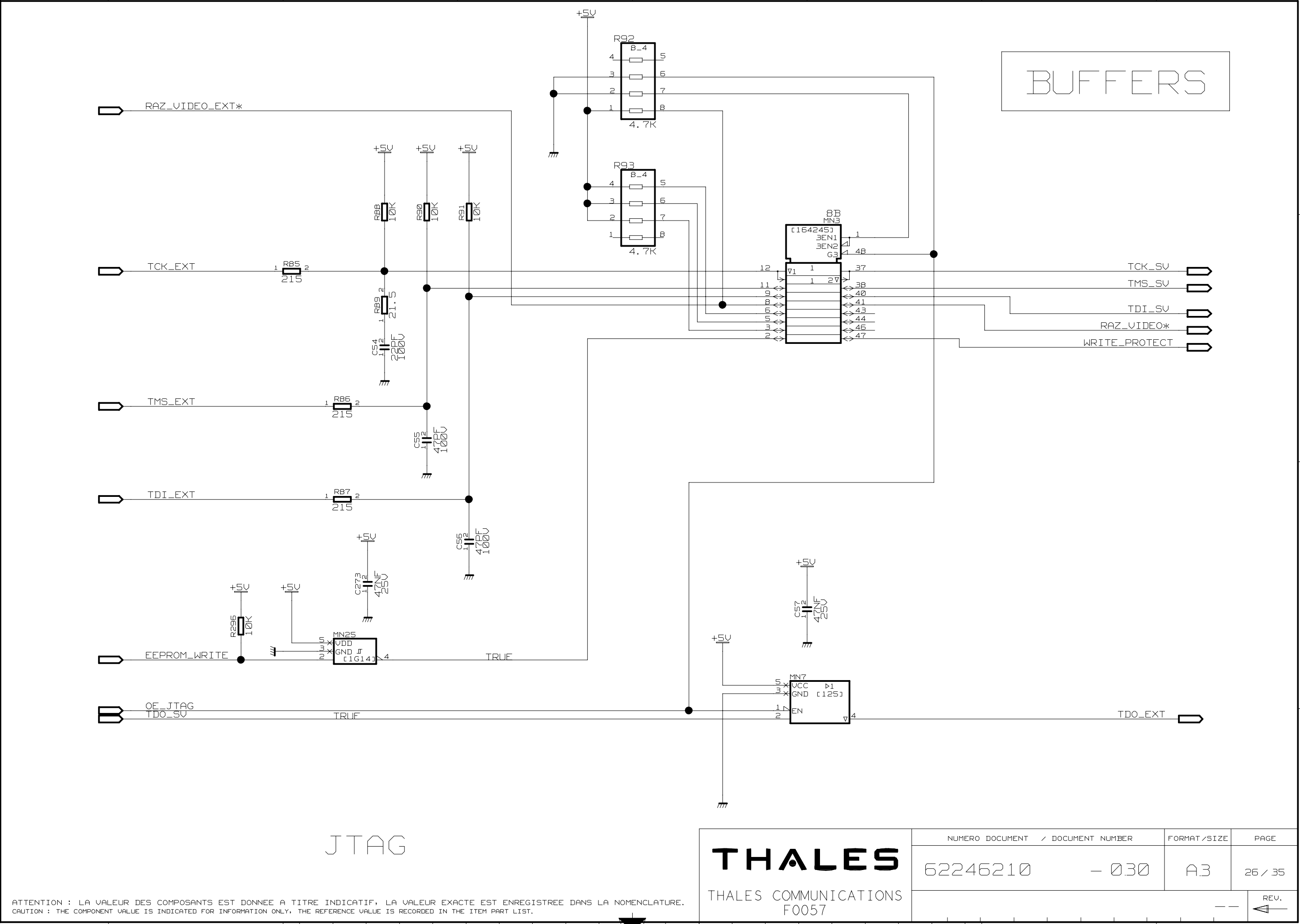
25 / 35

REV.

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

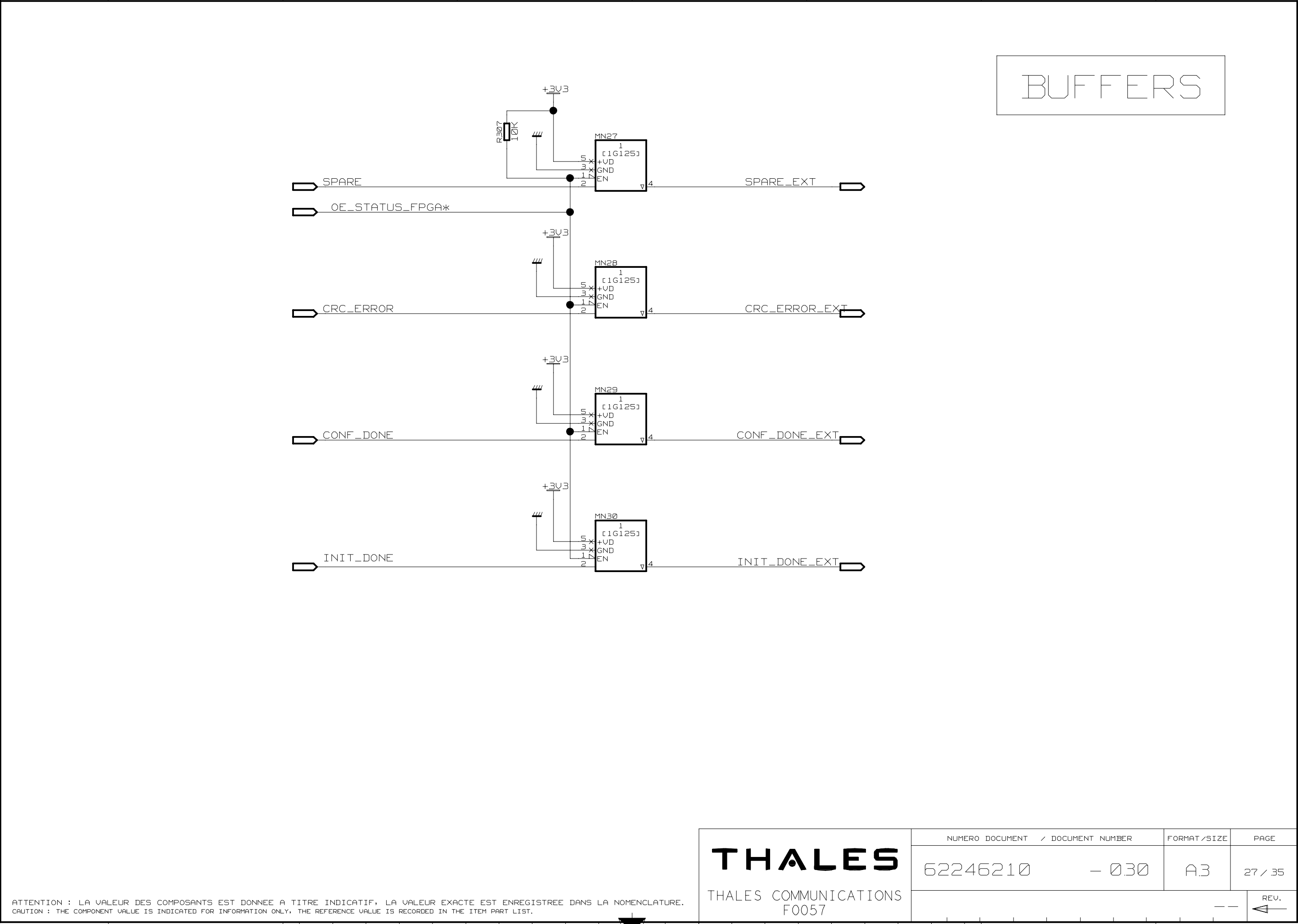


ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THALES THALES COMMUNICATIONS F0057	NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
	62246210 - 0.30	A3	26 / 35
	REV.		

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.



BUFFERS

THALES THALES COMMUNICATIONS F0057	NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
	62246210 - 0.30	A3	27 / 35
	REV.		

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

Title:	Basenet Report
Design:	cie_radio
Date:	Oct 28 14:13:25 2008
Base nets and synonyms for cie_radio.lib.CIE_RADIO(@cie_radio.lib.cie_radio(sch_1))	
Base Signal	Location([Zone] [dir])
ADD_EXT<21..1>	2.4H 24.4H
AS_EXT*	2.4H 14.3H 24.4H
ATT_NUM_1DB	2.4D 14.2B 18.3C 4.3H 12.4H
ATT_NUM_2DB	2.4D 14.2B 18.3C 4.2H 12.4H
ATT_NUM_4DB	2.3D 14.2B 18.3C 4.2H 12.3H
ATT_NUM_8DB	2.3D 14.2B 18.3C 4.2H 12.3H
BF_EXT_TST	2.3A 4.2A 7.2A
BF_I	2.4A 4.3A 9.2A
BF_MWV	2.4A 4.2A 7.3A
BLANKING_EXT	2.2H 14.3H 24.2H
BLANK_OK_EXT	2.3H 14.3H 24.2H
CALBF_DET	2.2H 2.3A 14.3B 18.2B 4.2A 7.3A
CAL_BF_CTRL	2.3D 14.3B 18.2B 4.4H 9.2H
CDE_CALIB_TEST_EXT	2.2B 14.2H 25.3B
CONF_DONE_EXT	2.1B 14.1F 27.3D
CRC_ERROR_EXT	2.1B 14.1F 27.3D
CTRL_PWR_DET*	2.2H 2.3B 14.1H 18.2B 4.3A 13.2A
DATA_EXT<11..0>	2.2D

DDS_LOGIC	14.3H 23.2B 2.2A 14.2B 19.2C
DDS_MES_EXT*	2.2B 14.2H 25.3B
DDS_MES_TEST_EXT*	2.2B 14.2H 25.3B
DS_EXT*	2.3H 14.3H 24.4H
DTACK_VIDEO_EXT*	2.2B 14.2H 25.3B
EEPROM_WRITE	2.2H 14.2H 25.2G
FIX_ATT_CTRL*	2.3D 14.3B 18.2B
FREQ_CAL	6.2H 2.3D 14.4B
FREQ_SYN	2.3D 14.4B 16.3A 4.1H 10.3H
GND_232	2.1A 14.1B 19.3C
GVA_CLK	2.3D 14.2B 18.2B 4.4H 5.2H
GVA_DATA	2.3D 14.3B 18.2B 4.4H 5.1H
GVA_LOAD	2.3D 14.3B 18.2B 4.4H 5.1H
INIT_DONE_EXT	2.1B 14.1F 27.2D
M15V_EXT	2.3H 14.4H 20.3G
M15V_MWV	2.3D 14.4B 20.2C 4.1H 10.4H
OE_STATUS_FPGA*	9.4H 7.1H 2.2H 14.1H
PSV_EXT	2.3H 14.4H 27.4F
PSV_MWV	2.3D 14.4B 21.4G 4.3A 13.4A
	21.4F 4.1H 10.4H

P15V_EXT	9.4H 7.2H 2.3H 14.4H 20.3G
P15V_MWV	2.3D 14.4B 20.3C 4.1H 10.4H 9.4H 7.2H
RAZ_VIDEO_EXT*	2.2H 14.3H 25.4G
READY_ACQ_M_EXT	2.2H 14.3H 24.3H
READY_ACQ_S_EXT	2.3H 14.3H 24.2H
RW_EXT*	2.2H 14.3H 24.2H
RXANT_PRES	2.1H 2.3A 14.1H 18.2B 4.3A 8.4A
RX_232	2.2H 14.1H 15.4C 19.3C
RX_ANT	2.4H 4.3H 8.2H
SIL_ECH_EXT	2.2A 14.2H 25.3B
SIL_RX_CTRL	2.3D 14.3B 18.2B 4.3H 9.2H
SIL_TX_CTRL*	2.3D 14.3B 18.2B 4.3H 9.2H
SIL_VCO_CTRL	2.2D 14.3B 18.2B 4.3H 12.2H
SPARE_EXT	2.1A 14.1F 27.4D
TCK_EXT	2.3H 14.2H 26.3G
TDI_EXT	2.3H 14.2H 26.2G
TDO_EXT	2.2A 14.2H 26.1B
TMS_EXT	2.3H 14.2H 26.3G
TXANT_PRES	2.1H 2.3A 14.1H 18.2B 4.3A 13.4A
TX_232	2.3D 14.1H 14.1B 15.3C

TX_ANT	19.3C 2.4A 4.3A 13.3A 2.2A
VAL_FAL_EXT	14.2H 25.3B 2.2B
VAL_OPE_EXT*	14.2H 25.3B 2.2B
VAL_OPE_TEST_EXT*	14.2H 25.3B
Base nets and synonyms for cie_radio.lib.MW_BF(@cie_radio.lib.cie_radio(sch_1)):page2_1126@cie_radio.lib.mw_bf(sch_1))	
Base Signal	Location([Zone] [dir])
ATT_NUM_1DB	2.4D 4.3H 12.4H
ATT_NUM_2DB	2.4D 4.2H 12.4H
ATT_NUM_4DB	2.3D 4.2H 12.3H
ATT_NUM_8DB	2.3D 4.2H 12.3H
BF	4.2C 9.1A 5.3H
BF_CAL	4.2E 12.4A 9.1H 2.3A
BF_EXT_TST	4.2A 7.2A 2.4A
BF_I	4.3A 9.2A 2.4A
BF_MWV	4.2A 4.2A 7.3A
CALBF_DET	2.2H 2.3A 4.2A 7.3A 2.3D
CAL_BF_CTRL	4.4H 9.2H 2.2H 2.3B
CTRL_PWR_DET*	4.3A 13.2A 2.3D
FIX_ATT_CTRL*	4.4H 6.2H 2.3D
FREQ_CAL	4.2H 12.4H 2.3D
FREQ_SYN	4.1H 10.3H 2.3D
GVA_CLK	4.4H 5.2H 2.3D
GVA_DATA	4.4H 5.1H 4.4H
GVA_LOAD	5.2H 2.3D 4.4H

M15V_MWV	2.3D 4.1H 10.4H 9.4H 7.1H
OL	4.2E 11.2A 9.3H
PSV_MWV	2.3D 4.1H 10.4H 9.4H 7.2H
P15V_MWV	2.3D 4.1H 10.4H
RXANT_PRES	2.1H 2.3A 4.3A 8.4A
RX_ANT	2.4H 4.3H 8.2H
SIL_RX_CTRL	2.3D 4.3H 9.2H
SIL_TX_CTRL*	2.3D 4.3H 12.2H
SIL_VCO_CTRL	2.2D 4.3H 11.4H
TXANT_PRES	2.1H 2.3A 4.3A 13.4A
TX_ANT	2.4A 4.3A 13.3A
Base nets and synonyms for cie_radio.lib.BF(@cie_radio.lib.cie_radio(sch_1)):page2_1126@cie_radio.lib.mw_bf(sch_1):page1_142@cie_radio.lib.bf(sch_1))	
Base Signal	Location([Zone] [dir])
BF	4.2C 5.3H 5.2A 6.3H
BF_1	6.2A 7.3H
BF_2	4.2A 7.2A
BF_EXT_TST	4.2A 7.2A
BF_MWV	4.2A 7.3A
CALBF_DET	4.2A 7.3A 2.3D
FIX_ATT_CTRL*	4.4H 6.2H 4.4H
GVA_CLK	4.4H 5.2H 4.4H
GVA_DATA	4.4H 5.1H 4.4H
GVA_LOAD	5.2H 5.1D 5.3E 5.3G 6.1E
M15V_BF	6.2H 6.3D 6.3F 6.3H 7.1F 7.3D
M15V_MWV	7.3F 7.3G 4.1H 7.1H
PSV_BF	5.2E 5.2F

PSV_MWV	5.2G 5.3G 6.2H 7.2F 4.1H 7.2H
P15V_BF	5.2D 5.4E 5.4G 6.2E 6.3H 6.4D 6.4F 6.4H
	7.2F 7.4D 7.4F 7.4G
P15V_MWV	4.1H 7.2H
Base nets and synonyms for cie_radio.lib.RECEPTION(@cie_radio.lib.cie_radio(sch_1)):page2_1126@cie_radio.lib.mw_bf(sch_1):page1_152@cie_radio.lib.reception(sch_1))	
Base Signal	Location([Zone] [dir])
BF	4.2C 9.1A
BF_CAL	4.2E 9.1H
BF_I	4.3A 9.2A
CAL_BF_CTRL	4.4H 9.2H
M15V_MWV	4.1H 9.4H
M15V_REC	9.1D 9.3D 9.4G 4.2E
OL	9.3H
PSV_MWV	4.1H 9.4H
PSV_REC	8.3E 8.3F 8.4D 8.4G 9.2F 9.2F
P15V_MWV	9.2G 9.2G 9.3C 9.4G
P15V_REC	4.1H 9.4H 9.2C 9.4D
REC_SIG	9.4G
RXANT_PRES	8.2A 9.3H 4.3A
RX_ANT	8.4A 4.3H
SIL_RX_CTRL	8.2H 4.3H
TP_LNA	9.2H
TP_OL	8.2A 9.3F
Base nets and synonyms for cie_radio.lib.EMISSION(@cie_radio.lib.cie_radio(sch_1)):page2_1126@cie_radio.lib.mw_bf(sch_1):page1_153@cie_radio.lib.emission(sch_1))	
Base Signal	Location([Zone] [dir])
ATT_NUM_1DB	4.3H 12.4H
ATT_NUM_2DB	4.2H 12.4H
ATT_NUM_4DB	4.2H 12.3H
ATT_NUM_8DB	4.2H 12.3H
BF_CAL	4.2E

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 030	A3	28 / 35
		REV.

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

CTRL_PWR_DET* 12. 4A
4. 3A
13. 2A
DIV_CAL 11. 3A
12. 3H
DIV_EMI 10. 1H
11. 4A
EMI_SIG1 10. 2A
11. 2H
EMI_SIG2 11. 2A
12. 1H
EMI_SIG3 12. 1A
13. 3H
FREQ_CAL 4. 2H
12. 4H
FREQ_SYN 4. 1H
10. 3H
HF_COUPLING 11. 2E
M15V_EMI 10. 4G
11. 4H
13. 2F
M15V_MWV 4. 1H
10. 4H
OL 4. 2E
11. 2A
PSV_EMI 10. 1G
10. 2D
10. 2G
10. 3F
10. 3G
10. 4G
11. 2C
11. 2F
11. 3G
11. 4D
11. 4H
12. 2D
12. 2H
12. 2H
12. 3F
12. 3G
12. 4G
12. 4G
13. 1E
13. 2D
13. 4C
13. 4E
13. 4E
PSV_MWV 4. 1H
10. 4H
P15V_EMI 10. 3D
10. 4G
11. 3H
13. 3F
P15V_MWV 4. 1H
10. 4H
SIL_TX_CTRL* 4. 3H
12. 2H
SIL_VCO_CTRL 4. 3H
11. 4H
STUB4 13. 3C
TP_ATT_NUM 12. 2E
TP_FILTRE_TX 13. 3C
TP_FILTRE_VCO 11. 2D
TXANT_PRE 4. 3A
13. 4A
TX_ANT 4. 3A
13. 3A

Base nets and synonyms for
cie_radio_lib.SYNTHESIS(cie_ radio_lib.cie_radio(sch_1):pa ge2_1131@cie_radio_lib.synth esis(sch_1))
Base Signal Location((Zone)(dir))

ADD<21..1> 14. 3F
24. 4B
18. 2D
ADD_EXT<21..1> 2. 4H
14. 3H
24. 4B
AS* 14. 3F
24. 4B
18. 2D
AS_EXT* 2. 4H
14. 3H
24. 4H
ATT_NUM_1DB 2. 4D
14. 2B
18. 3C
ATT_NUM_2DB 2. 4D
14. 2B
18. 3C
ATT_NUM_4DB 2. 3D
14. 2B
18. 3C
ATT_NUM_8DB 2. 3D
14. 2B
18. 3C
BLANKING 14. 3F
24. 2B
18. 2D
BLANKING_EXT 2. 2H
14. 3H
24. 2H
14. 3F
BLANK_OK 14. 3F
24. 2B
18. 2D
BLANK_OK_EXT 2. 3H
14. 3H
24. 2H
2. 2H 2. 3A
14. 3B
18. 2B
CAL_BF_CTRL 2. 3D
14. 3B
18. 2B
CDE_CALIB 14. 2F
25. 2H
18. 3E
CDE_CALIB_TEST_EXT 2. 2B
14. 2H
25. 3B
CLK_CAL 14. 4E
20. 4B
17. 3G
CLK_FPGA 14. 4E
18. 2F
20. 4B
14. 4E
20. 4B
CONF_DONE 14. 1C
14. 1G
CONF_DONE_EXT 2. 1B
14. 1F
27. 3D
COS_CAL<13..0> 14. 3D
18. 3B
17. 2G
COS_VCO<13..0> 2. 1B
14. 3D
18. 2C
16. 2H
CRC_ERROR 14. 1C
14. 1G
27. 3F
18. 2G
CRC_ERROR_EXT 2. 1B
14. 1F

CS_SV* 27. 3D
14. 3F
23. 4H
18. 2F
CTRL_PWR_DET* 2. 2H 2. 3B
14. 1H
24. 4H
14. 3F
DATA<11..0> 23. 2H
18. 2E
2. 2D
DATA_EXT<11..0> 14. 3H
23. 2B
2. 2A
DDS_LOGIC 14. 2B
19. 2C
14. 2F
DDS_MES* 25. 2H
18. 3E
2. 2B
DDS_MES_EXT* 14. 2H
25. 3B
2. 2B
DDS_MES_TEST_EXT* 14. 2H
25. 3B
14. 3F
DIR_SV* 14. 3F
23. 4H
18. 2F
DS* 14. 3F
24. 4B
18. 2D
DS_EXT* 2. 3H
14. 3H
24. 4H
14. 2F
DTACK_VIDEO* 25. 3H
18. 3F
DTACK_VIDEO_EXT* 2. 2B
14. 2H
25. 3B
EEPROM_WRITE 2. 2H
14. 2H
26. 2G
FIX_ATT_CTRL* 2. 3D
14. 3B
18. 2B
17. 2B
FREQ_CAL 2. 3D
14. 4B
16. 3A
2. 1A
14. 1B
19. 3C
GVA_CLK 2. 3D
14. 2B
18. 2B
GVA_DATA 2. 3D
14. 3B
18. 2B
GVA_LOAD 2. 3D
14. 3B
18. 2B
INIT_DONE 14. 1C
14. 1G
27. 2F
18. 3F
INIT_DONE_EXT 2. 1B
14. 1F
27. 2D
M15V_EXT 2. 3H
14. 4H
20. 3G
M15V_MWV 2. 3D
14. 4B
20. 2C

OE_JTAG 14. 1H
15. 3F
26. 1G
OE_STATUS_FPGA* 2. 2H
14. 1H
27. 4F
PSV_EXT 2. 3H
14. 4H
21. 4G
PSV_MWV 2. 3D
14. 4B
21. 4F
P15V_EXT 2. 3H
14. 4H
20. 3G
P15V_MWV 2. 3D
14. 4B
20. 3C
PLLLLOCK_CAL 14. 3D
18. 2F
17. 3G
PLLLLOCK_VCO 14. 4D
18. 2F
15. 3H
RAZ_VIDEO* 14. 3F
26. 3B
18. 1H
RAZ_VIDEO_EXT* 2. 2H
14. 3H
26. 4G
READY_ACQ_M 14. 3F
24. 3B
18. 2D
READY_ACQ_M_EXT 2. 2H
14. 3H
24. 3H
READY_ACQ_S 14. 3F
24. 2B
18. 2D
READY_ACQ_S_EXT 2. 3H
14. 3H
24. 2H
RW* 14. 3F
24. 2B
18. 2D
RW_EXT* 2. 2H
14. 3H
24. 2H
RXANT_PRE 2. 1H 2. 3A
14. 1H
18. 2B
2. 2H
RX_232 14. 1H
15. 4C
19. 3C
SIL_ECH 14. 2F
25. 2H
18. 3F
SIL_ECH_EXT 2. 2A
14. 2H
25. 3B
SIL_RX_CTRL 2. 3D
14. 3B
18. 2B
SIL_TX_CTRL* 2. 3D
14. 3B
18. 2B
SIL_VCO_CTRL 2. 2D
14. 3B
18. 2B
SPARE 14. 1C
14. 1G
27. 4F
18. 3D
SPARE_EXT 2. 3D
14. 1F
27. 4D

TCK_EXT 2. 3H
14. 2H
26. 3G
TCK_SV 14. 2F
15. 4F
26. 3B
18. 2H
TDI_EXT 2. 3H
14. 2H
26. 2G
TDI_SV 14. 2F
15. 3F
26. 3B
18. 2G
TDO_EXT 2. 2A
14. 2H
26. 1B
TDO_SV 14. 2F
15. 3F
26. 1G
18. 2G
TMS_EXT 2. 3H
14. 2H
26. 3G
TMS_SV 14. 2F
15. 3F
26. 3B
TXANT_PRE 2. 1H 2. 3A
14. 1H
18. 2B
TX_232 2. 1A
14. 1B
15. 3C
VAL_FAL 19. 3C
14. 2F
25. 3H
VAL_FAL_EXT 18. 3E
2. 2A
14. 2H
25. 3B
VAL_OPE* 14. 2F
25. 3H
18. 3F
VAL_OPE_EXT* 2. 2B
14. 2H
25. 3B
VAL_OPE_TEST_EXT* 2. 2B
14. 2H
25. 3B
WRITE_PROTECT 14. 2F
15. 3C
26. 3B
18. 4D

Base nets and synonyms for
cie_radio_lib.DAC_SYNTHESIS(cie _radio_lib.cie_radio(sch_1):p age2_1131@cie_radio_lib.synth esis(sch_1):page1_1155@cie_ra dio_lib.dac_synthesis(sch_1))
Base Signal Location((Zone)(dir))

CLK_CAL 14. 4E
17. 3G
CLK_VCO 14. 4E
16. 3H
COS_CAL<13..0> 14. 3D
17. 2G
COS_VCO<13..0> 14. 3D
16. 2H
FREQ_CAL 14. 4B
17. 2B
FREQ_SYN 14. 4B
16. 3A

M5V_CMD 16. 3C
P3V3_ANA 16. 4D
17. 4D
P5V_CMD 16. 3C
PLLLLOCK_CAL 14. 3D
17. 3G
PLLLLOCK_VCO 14. 4D
16. 3H
PT_FREQ_CAL 17. 3C
PT_FREQ_SYN 16. 3B

Base nets and synonyms for
cie_radio_lib.POWER_SUPPLY(cie _radio_lib.cie_radio(sch_1): :page2_1131@cie_radio_lib.syn thesis(sch_1):page1_1160@cie_ radio_lib.power_supply(sch_1))

Base Signal Location((Zone)(dir))

CLK_CAL 14. 4E
20. 4B
CLK_FPGA 14. 4E
20. 4B
CLK_VCO 14. 4E
20. 4B
M5V_CMD 20. 2E
M15V_EXT 14. 4H
M15V_MWV 20. 2C
22. 3C
P3V3_ANA 21. 3B
PSV_CMD 20. 2B
PSV_EXT 14. 4H
21. 4G
PSV_MWV 14. 4B
21. 4F
P15V_EXT 14. 4H
20. 3G
P15V_MWV 14. 4B
20. 3C

Base nets and synonyms for
cie_radio_lib.FPGA_BLOCK(cie _radio_lib.cie_radio(sch_1):p age2_1131@cie_radio_lib.synth esis(sch_1):page1_1162@cie_ra dio_lib.fpga_block(sch_1))
Base Signal Location((Zone)(dir))

ADD<1> 14. 3F
18. 2C
ADD<2> 14. 3F
18. 2C
ADD<3> 14. 3F
18. 2C
ADD<4> 14. 3F
18. 2C
ADD<20> 14. 3F
18. 2D
ADD<21> 14. 3F
18. 2D
AS* 14. 3F
18. 2D
ASDO 18. 3F
ATT_NUM_1DB 14. 2B
18. 3C
ATT_NUM_2DB 14. 2B
18. 3C
ATT_NUM_4DB 14. 2B
18. 3C
ATT_NUM_8DB 14. 2B

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER

62246210 - 030

FORMAT / SIZE

A3

PAGE

29 / 35

REV.

←

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

	18. 3C
BLANKING	14. 3F
	18. 2D
BLANK_OK	14. 3F
	18. 2D
CALBF_DET	14. 3B
	18. 2B
CALBF_CTRL	14. 3B
	18. 2B
CDE_CALIB	14. 2F
	18. 3E
CLK_EEPROM	18. 3D
CLK_FPGA	14. 4E
	18. 2F
CONF_DONE	14. 1C
	14. 1G
	18. 3F
COS_CAL<13..0>	14. 3D
	18. 3B
COS_VCO<13..0>	14. 3D
	18. 2C
CRC_ERROR	14. 1C
	14. 1G
	18. 2G
CS0*	18. 3F
CS_EEPROM	18. 3D
CS_SV*	14. 3F
	18. 2F
CTRL_PWR_DET*	14. 1H
	18. 2B
DATA0	18. 2G
	18. 4E
DATA<11..0>	14. 3F
	18. 2E
DCLK	18. 2G
	18. 4G
DDS_CAL*	18. 3E
DDS_FALL	18. 2D
	19. 2F
DDS_LOGIC	14. 2B
	19. 2C
DDS_MES*	14. 2F
	18. 3E
DDS_RISE	18. 2D
	19. 2F
DIN_EEPROM	18. 3D
DIR_SV*	14. 3F
	18. 2F
DOUT_EEPROM	18. 3C
DS*	14. 3F
	18. 2D
DTACK_VIDEO*	14. 2F
	18. 3F
FIX_ATT_CTRL*	14. 3B
	18. 2B
FPGA_RESET	18. 1D
GND_232	14. 1B
	19. 3C
GVA_CLK	14. 2B
	18. 2B
GVA_DATA	14. 3B
	18. 2B
GVA_LOAD	14. 3B
	18. 2B
INIT_DONE	14. 1C
	14. 1G
	18. 3F
P1V2	18. 4C
	18. 4G
	18. 4G
	18. 4H
PLLLLOCK_CAL	14. 3D
	18. 2F
PLLLLOCK_VCO	14. 4D
	18. 2F
RAZ_VIDEO*	14. 3F
	18. 1H

READY_ACQ_M	14. 3F
	18. 2D
READY_ACQ_S	14. 3F
	18. 2D
RW*	14. 3F
	18. 2D
RXANT_PRES	14. 1H
	18. 2B
RX_232	14. 1H
	15. 4C
	19. 3C
RX_UART	18. 3E
	19. 3F
SIL_ECH	14. 2F
	18. 3F
SIL_RX_CTRL	14. 3B
	18. 2B
SIL_TX_CTRL*	14. 3B
	18. 2B
SIL_VCO_CTRL	14. 3B
	18. 2B
SPARE	14. 1C
	14. 1G
	18. 3D
TCK_SV	14. 2F
	15. 4F
	18. 2H
TDI_SV	14. 2F
	15. 3F
	18. 2G
TDO_SV	14. 2F
	15. 3F
	18. 2G
TEST_1	18. 3E
TEST_2	18. 3E
TEST_3	18. 3E
TEST_4	18. 3E
TMS_SV	14. 2F
	15. 3F
	18. 2G
TXANT_PRES	14. 1H
	18. 2B
TX_232	14. 1B
	15. 3C
	19. 3C
TX_UART	18. 3E
	19. 3F
VAL_FAL	14. 2F
	18. 3E
VAL_OPE*	14. 2F
	18. 3F
WRITE_PROTECT	14. 2F
	15. 3C
	18. 4D

Base nets and synonyms for
cie_radio.lib.BUFFER(cie_rad
io.lib.cie_radio(sch_1):page2
_1131@cie_radio.lib.synthesis
(sch_1):page1_1168@cie_radio_
lib.\buffer\ (sch_1))
Base Signal Location((
Zone)(dir)
)

ADD<1>	14. 3F
	24. 3B
ADD<2>	14. 3F
	24. 3B
ADD<3>	14. 3F
	24. 3B
ADD<4>	14. 3F
	24. 4B
ADD<20>	14. 3F
	24. 4B
ADD<21>	14. 3F
	24. 4B

ADD_EXT<1>	14. 3H
	24. 3H
ADD_EXT<2>	14. 3H
	24. 3H
ADD_EXT<3>	14. 3H
	24. 3H
ADD_EXT<4>	14. 3H
	24. 4H
ADD_EXT<20>	14. 3H
	24. 4H
ADD_EXT<21>	14. 3H
	24. 4H
AS*	14. 3F
	24. 4B
AS_EXT*	14. 3H
	24. 4H
BLANKING	14. 3F
	24. 2B
BLANKING_EXT	14. 3H
	24. 2H
BLANK_OK	14. 3F
	24. 2B
BLANK_OK_EXT	14. 3H
	24. 2H
CDE_CALIB	14. 2F
	25. 2H
CDE_CALIB_TEST_EXT	14. 2H
	25. 3B
CONF_DONE	14. 1C
	14. 1G
	27. 3F
CONF_DONE_EXT	14. 1F
	27. 3D
CRC_ERROR	14. 1C
	14. 1G
	27. 3F
CRC_ERROR_EXT	14. 1F
	27. 3D
CS_SV*	14. 3F
	23. 4H
DATA<11..0>	14. 3F
	23. 2H
DATA_EXT<11..0>	14. 3H
	23. 2B
DDS_MES*	14. 2F
	25. 2H
DDS_MES_EXT*	14. 2H
	25. 3B
DDS_MES_TEST_EXT*	14. 2H
	25. 3B
DIR_SV*	14. 3F
	23. 4H
DS*	14. 3F
	24. 4B
DS_EXT*	14. 3H
	24. 4H
DTACK_VIDEO*	14. 2F
	25. 3H
DTACK_VIDEO_EXT*	14. 2H
	25. 3B
EEPROM_WRITE	14. 2H
	26. 2G
INIT_DONE	14. 1C
	14. 1G
	27. 2F
INIT_DONE_EXT	14. 1F
	27. 2D
OE_JTAG	14. 1H
	15. 3F
	26. 1G
OE_STATUS_FPGA*	14. 1H
	27. 4F
RAZ_VIDEO*	14. 3F
	26. 3B
RAZ_VIDEO_EXT*	14. 3H
	26. 4G
READY_ACQ_M	14. 3F

READY_ACQ_M_EXT	24. 3B
	14. 3H
	24. 3H
READY_ACQ_S	14. 3F
	24. 2B
READY_ACQ_S_EXT	14. 3H
	24. 2H
RW*	14. 3F
	24. 2B
RW_EXT*	14. 3H
	24. 2H
SIL_ECH	14. 2F
	25. 2H
SIL_ECH_EXT	14. 2H
	25. 3B
SPARE	14. 1C
	14. 1G
	27. 4F
SPARE_EXT	14. 1F
	27. 4D
TCK_EXT	14. 2H
	26. 3G
TCK_SV	14. 2F
	15. 4F
	26. 3B
TDI_EXT	14. 2H
	26. 2G
TDI_SV	14. 2F
	15. 3F
	26. 3B
TDO_EXT	14. 2H
	26. 1B
TDO_SV	14. 2F
	15. 3F
	26. 1G
TMS_EXT	14. 2H
	26. 3G
TMS_SV	14. 2F
	15. 3F
	26. 3B
VAL_FAL	14. 2F
	25. 3H
VAL_FAL_EXT	14. 2H
	25. 3B
VAL_OPE*	14. 2F
	25. 3H
VAL_OPE_EXT*	14. 2H
	25. 3B
VAL_OPE_TEST_EXT*	14. 2H
	25. 3B
WRITE_PROTECT	14. 2F
	15. 3C
	26. 3B

THALES

THALES COMMUNICATIONS

F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 030	A3	30 / 35
		REV. ←

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

Title: Cref Part Report Design: cie_radio Date: Oct 28 14:13:25 2008			C37	C	[18.4A][14.2D][2.3F]	C76	C	[21.3E][14.4F][2.3F]	C114	C_POL	[5.4D][4.2B][2.3C]	C153	C	[6.3C][4.2B][2.3C]
C1	C_POL	[7.2F][4.2B][2.3C]	C38	C	[18.4A][14.2D][2.3F]	C77	C	[21.3E][14.4F][2.3F]	C115	C	[5.3D][4.2B][2.3C]	C154	C	[6.2C][4.2B][2.3C]
C2	C_POL	[7.1F][4.2B][2.3C]	C39	C	[18.4A][14.2D][2.3F]	C78	C	[21.3D][14.4F][2.3F]	C116	C_POL	[5.3D][4.2B][2.3C]	C155	C	[6.2B][4.2B][2.3C]
C3	C_POL	[7.1F][4.2B][2.3C]	C40	C	[18.4A][14.2D][2.3F]	C79	C	[21.3C][14.4F][2.3F]	C117	C	[5.2C][4.2B][2.3C]	C156	C	[6.3B][4.2B][2.3C]
C4	C_POL	[9.4G][4.2D][2.3C]	C41	C	[19.4F][14.2D][2.3F]	C80	C_POL	[21.3C][14.4F][2.3F]	C118	C	[5.1C][4.2B][2.3C]	C157	C	[6.3B][4.2B][2.3C]
C5	C_POL	[9.4G][4.2D][2.3C]	C42	C	[19.4F][14.2D][2.3F]	C81	C	[21.3C][14.4F][2.3F]	C119	C	[5.4D][4.2B][2.3C]	C158	C	[6.3B][4.2B][2.3C]
C6	C_POL	[9.4G][4.2D][2.3C]	C43	C	[19.4E][14.2D][2.3F]	C82	C	[21.3C][14.4F][2.3F]	C120	C	[5.3D][4.2B][2.3C]	C159	C	[7.3G][4.2B][2.3C]
C7	C	[15.3G][14.4B][2.3F]	C44	C	[19.2D][14.2D][2.3F]	C83	C_POL	[21.4B][14.4F][2.3F]	C121	C	[5.3C][4.2B][2.3C]	C160	C_POL	[7.4G][4.2B][2.3C]
C8	C	[15.4F][14.4B][2.3F]	C45	C	[19.4D][14.2D][2.3F]	C84	C_POL	[21.3B][14.4F][2.3F]	C122	C	[5.4C][4.2B][2.3C]	C161	C_POL	[7.3G][4.2B][2.3C]
C9	C	[15.3F][14.4B][2.3F]	C46	C	[19.3D][14.2D][2.3F]	C85	C_POL	[22.3G][14.4F][2.3F]	C123	C	[5.2E][4.2B][2.3C]	C162	C	[7.4G][4.2B][2.3C]
C10	C	[15.3D][14.4B][2.3F]	C47	C	[19.2D][14.2D][2.3F]	C86	C_POL	[22.3F][14.4F][2.3F]	C124	C	[5.4C][4.2B][2.3C]	C163	C	[7.3G][4.2B][2.3C]
C11	C	[15.3D][14.4B][2.3F]	C48	C	[23.4C][14.3F][2.3F]	C87	C_POL	[22.3F][14.4F][2.3F]	C125	C	[5.3C][4.2B][2.3C]	C164	C	[7.3F][4.2B][2.3C]
C12	C	[15.2C][14.4B][2.3F]	C49	C	[23.4C][14.3F][2.3F]	C88	C_POL	[22.3F][14.4F][2.3F]	C126	C	[6.3H][4.2B][2.3C]	C165	C_POL	[7.4E][4.2B][2.3C]
C13	C	[17.3G][14.4B][2.3F]	C50	C	[24.3E][14.3F][2.3F]	C89	C	[22.3F][14.4F][2.3F]	C127	C	[6.3H][4.2B][2.3C]	C166	C_POL	[7.3E][4.2B][2.3C]
C14	C	[17.4E][14.4B][2.3F]	C51	C	[24.3D][14.3F][2.3F]	C90	C	[22.3E][14.4F][2.3F]	C128	C	[6.1H][4.2B][2.3C]	C167	C	[7.4E][4.2B][2.3C]
C15	C	[17.4E][14.4B][2.3F]	C52	C	[25.4D][14.3F][2.3F]	C91	C	[22.3E][14.4F][2.3F]	C129	C_POL	[6.4G][4.2B][2.3C]	C168	C	[7.3E][4.2B][2.3C]
C16	C	[17.4D][14.4B][2.3F]	C53	C	[25.4D][14.3F][2.3F]	C92	C	[22.3D][14.4F][2.3F]	C130	C_POL	[6.3G][4.2B][2.3C]	C169	C_POL	[7.4C][4.2B][2.3C]
C17	C	[17.3D][14.4B][2.3F]	C54	C	[26.3F][14.3F][2.3F]	C93	C	[22.3D][14.4F][2.3F]	C131	C	[6.4G][4.2B][2.3C]	C170	C_POL	[7.3C][4.2B][2.3C]
C18	C	[18.1G][14.2D][2.3F]	C55	C	[26.3F][14.3F][2.3F]	C94	C	[22.3D][14.4F][2.3F]	C132	C	[6.2G][4.2B][2.3C]	C171	C	[7.4C][4.2B][2.3C]
C19	C	[18.4G][14.2D][2.3F]	C56	C	[26.2F][14.3F][2.3F]	C95	C_POL	[22.3C][14.4F][2.3F]	C133	C	[6.3G][4.2B][2.3C]	C172	C	[7.3C][4.2B][2.3C]
C20	C	[18.4G][14.2D][2.3F]	C57	C	[26.2D][14.3F][2.3F]	C96	C	[5.3G][4.2B][2.3C]	C134	C	[6.3F][4.2B][2.3C]	C173	C	[8.4F][4.2D][2.3C]
C21	C	[18.4G][14.2D][2.3F]	C58	C	[20.4G][14.4F][2.3F]	C97	C	[5.2G][4.2B][2.3C]	C135	C_POL	[6.4E][4.2B][2.3C]	C174	C	[8.4D][4.2D][2.3C]
C22	C	[18.2F][14.2D][2.3F]	C59	C	[20.4G][14.4F][2.3F]	C98	C	[5.2G][4.2B][2.3C]	C136	C_POL	[6.3E][4.2B][2.3C]	C175	C	[8.4D][4.2D][2.3C]
C23	C	[18.4D][14.2D][2.3F]	C60	C_POL	[20.3F][14.4F][2.3F]	C99	C	[5.1G][4.2B][2.3C]	C137	C	[6.3E][4.2B][2.3C]	C177	C	[8.4D][4.2D][2.3C]
C24	C	[18.1D][14.2D][2.3F]	C61	C_POL	[20.3F][14.4F][2.3F]	C100	C_POL	[5.4G][4.2B][2.3C]	C138	C	[6.2E][4.2B][2.3C]	C178	C_POL	[8.3D][4.2D][2.3C]
C25	C	[18.4D][14.2D][2.3F]	C62	C_POL	[20.2F][14.4F][2.3F]	C101	C_POL	[5.3G][4.2B][2.3C]	C139	C	[6.4E][4.2B][2.3C]	C179	C	[8.2D][4.2D][2.3C]
C26	C	[18.4C][14.2D][2.3F]	C63	C	[20.4E][14.4F][2.3F]	C102	C	[5.3F][4.2B][2.3C]	C140	C	[6.3E][4.2B][2.3C]	C180	C	[8.3C][4.2D][2.3C]
C27	C	[18.4C][14.2D][2.3F]	C64	C	[20.2E][14.4F][2.3F]	C103	C	[5.4F][4.2B][2.3C]	C141	C	[6.2D][4.2B][2.3C]	C181	C	[8.2B][4.2D][2.3C]
C28	C	[18.4C][14.2D][2.3F]	C65	C_POL	[20.3D][14.4F][2.3F]	C104	C	[5.3F][4.2B][2.3C]	C142	C	[6.2D][4.2B][2.3C]	C182	C	[8.2A][4.2D][2.3C]
C29	C	[18.4C][14.2D][2.3F]	C66	C_POL	[20.2D][14.4F][2.3F]	C105	C	[5.2F][4.2B][2.3C]	C143	C	[6.3D][4.2B][2.3C]	C183	C	[9.2H][4.2D][2.3C]
C30	C	[18.4C][14.2D][2.3F]	C67	C	[20.4D][14.4F][2.3F]	C106	C	[5.3F][4.2B][2.3C]	C144	C_POL	[6.2D][4.2B][2.3C]	C184	C	[9.1H][4.2D][2.3C]
C31	C	[18.4C][14.2D][2.3F]	C68	C	[20.4D][14.4F][2.3F]	C107	C	[5.2F][4.2B][2.3C]	C145	C_POL	[6.2D][4.2B][2.3C]	C185	C	[9.2F][4.2D][2.3C]
C32	C	[18.4B][14.2D][2.3F]	C69	C_POL	[20.2C][14.4F][2.3F]	C108	C	[5.3E][4.2B][2.3C]	C146	C	[6.2C][4.2B][2.3C]	C186	C	[9.2F][4.2D][2.3C]
C33	C	[18.4B][14.2D][2.3F]	C70	C	[20.2B][14.4F][2.3F]	C109	C	[5.4E][4.2B][2.3C]	C147	C	[6.2C][4.2B][2.3C]	C187	C	[9.2E][4.2D][2.3C]
C34	C	[18.4B][14.2D][2.3F]	C71	C_POL	[21.3F][14.4F][2.3F]	C110	C	[5.4E][4.2B][2.3C]	C148	C_POL	[6.4C][4.2B][2.3C]	C188	C	[9.2E][4.2D][2.3C]
C35	C	[18.4B][14.2D][2.3F]	C72	C_POL	[21.4F][14.4F][2.3F]	C111	C	[5.3E][4.2B][2.3C]	C149	C_POL	[6.3C][4.2B][2.3C]	C189	C	[9.3E][4.2D][2.3C]
C36	C	[18.4B][14.2D][2.3F]	C73	C	[21.3F][14.4F][2.3F]	C112	C_POL	[5.2C][4.2B][2.3C]	C150	C	[6.3C][4.2B][2.3C]	C190	C	[9.3D][4.2D][2.3C]
			C74	C_POL	[21.4E][14.4F][2.3F]	C113	C_POL	[5.1C][4.2B][2.3C]	C151	C	[6.2C][4.2B][2.3C]	C191	C	[9.3D][4.2D][2.3C]
			C75	C	[21.3E][14.4F][2.3F]				C152	C	[6.4C][4.2B][2.3C]			

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER		FORMAT / SIZE	PAGE
62246210 - 030		A3	31 / 35
			REV.

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

C192	C_POL	[9, 4C][4, 2D][2, 3C]	C231	C	[11, 4B][4, 3F][2, 3C]	C269	C	[13, 4C][4, 3F][2, 3C]	L5	L	[20, 4D][14, 4F][2, 3F]	MAS	OP213_DSO	[6, 3F 6, 3G][4, 2B][2, 3 C]
C193	C_POL	[9, 3C][4, 2D][2, 3C]	C232	C	[11, 2B][4, 3F][2, 3C]	C270	C	[13, 1C][4, 3F][2, 3C]	L6	L	[21, 4F][14, 4F][2, 3F]	MA6	OP213_DSO	[6, 3E 6, 3D][4, 2B][2, 3 C]
C194	C	[9, 4C][4, 2D][2, 3C]	C233	C	[11, 2B][4, 3F][2, 3C]	C271	C	[13, 4B][4, 3F][2, 3C]	L7	L	[21, 4F][14, 4F][2, 3F]	MA7	OP213_DSO	[6, 3A 6, 3C][4, 2B][2, 3 C]
C195	C	[9, 3C][4, 2D][2, 3C]	C234	C	[12, 4G][4, 3F][2, 3C]	C272	C	[13, 4B][4, 3F][2, 3C]	L8	L	[21, 4F][14, 4F][2, 3F]	MA8	OP213_DSO	[6, 2B 6, 3C][4, 2B][2, 3 C]
C196	C_POL	[9, 2C][4, 2D][2, 3C]	C235	C	[12, 2G][4, 3F][2, 3C]	C273	C	[26, 2F][14, 3F][2, 3F]	L9	L	[21, 3C][14, 4F][2, 3F]	MA9	OP213_DSO	[7, 3D 7, 3E][4, 2B][2, 3 C]
C197	C_POL	[9, 1C][4, 2D][2, 3C]	C236	C	[9, 3F][4, 2D][2, 3C]	C274	C	[10, 2B][4, 3F][2, 3C]	L10	L	[21, 4B][14, 4F][2, 3F]	MA10	OP213_DSO	[7, 4B 7, 3C][4, 2B][2, 3 C]
C198	C	[9, 2C][4, 2D][2, 3C]	C237	C	[12, 2G][4, 3F][2, 3C]	C275	C	[11, 3H][4, 3F][2, 3C]	L11	L	[21, 3B][14, 4F][2, 3F]	MA11	OP213_DSO	[9, 3C 9, 3B][4, 2D][2, 3 C]
C199	C	[9, 1C][4, 2D][2, 3C]	C238	C	[12, 4F][4, 3F][2, 3C]	C276	C	[11, 3H][4, 3F][2, 3C]	L12	L	[22, 3D][14, 4F][2, 3F]	MA12	ADB014_DSO	[16, 3B][14, 4B][2, 3F]
C200	C_POL	[10, 4G][4, 3F][2, 3C]	C239	C	[12, 2G][4, 3F][2, 3C]	C277	C	[11, 4G][4, 3F][2, 3C]	L13	L	[7, 2G][4, 2B][2, 3C]	MA13	MAX823X_DSO	[18, 1G][14, 2D][2, 3F]
C201	C_POL	[10, 4G][4, 3F][2, 3C]	C240	C	[12, 2F][4, 3F][2, 3C]	C278	C	[11, 4F][4, 3F][2, 3C]	L14	L	[7, 2G][4, 2B][2, 3C]	MA14	OP213_DSO	[19, 2D 19, 1G][14, 2D][2, 3F]
C202	C_POL	[10, 4G][4, 3F][2, 3C]	C241	C	[12, 4G][4, 3F][2, 3C]	C279	C	[9, 2D][4, 2D][2, 3C]	L15	L	[7, 1G][4, 2B][2, 3C]	MA15	MAX664X_DSO	[20, 2F][14, 4F][2, 3F]
C203	C	[10, 3G][4, 3F][2, 3C]	C242	C	[12, 1G][4, 3F][2, 3C]	C280	C	[9, 3B][4, 2D][2, 3C]	L16	L	[8, 2H][4, 2D][2, 3C]	MA16	E4737_DIP	[20, 4F][14, 4F][2, 3F]
C204	C	[10, 2F][4, 3F][2, 3C]	C243	C	[12, 4F][4, 3F][2, 3C]	C281	C	[9, 3A][4, 2D][2, 3C]	L18	L	[8, 2B][4, 2D][2, 3C]	MA17	MGAB1563X_DSO	[20, 4E][14, 4F][2, 3F]
C205	C	[10, 1F][4, 3F][2, 3C]	C244	C	[12, 3F][4, 3F][2, 3C]	CR1	D2_AKC	[5, 3G][4, 2B][2, 3C]	L19	L	[9, 4H][4, 2D][2, 3C]	MA18	2951A_DSO	[20, 2D][14, 4F][2, 3F]
C206	C	[10, 2F][4, 3F][2, 3C]	C245	C	[12, 1F][4, 3F][2, 3C]	CR2	D2_AKC	[5, 3F][4, 2B][2, 3C]	L20	L	[9, 4H][4, 2D][2, 3C]	MA19	TPS54310_DSO	[22, 3E][14, 4F][2, 3F]
C207	C	[10, 1F][4, 3F][2, 3C]	C246	C	[12, 4E][4, 3F][2, 3C]	CR3	D2_AKC	[7, 3G][4, 2B][2, 3C]	L21	L	[9, 4H][4, 2D][2, 3C]	MA20	MGA665PB_DSO	[8, 2C][4, 2D][2, 3C]
C208	C	[10, 3F][4, 3F][2, 3C]	C247	C	[12, 2F][4, 3F][2, 3C]	CR4	D2_AKC	[7, 3G][4, 2B][2, 3C]	L22	L	[10, 4G][4, 3F][2, 3C]	MA21	HMC384LP4_QCC	[11, 2G][4, 3F][2, 3C]
C209	C	[10, 3E][4, 3F][2, 3C]	C248	C	[12, 1F][4, 3F][2, 3C]	CR5	MMSZ3V3X	[7, 3B][4, 2B][2, 3C]	L23	L	[10, 4G][4, 3F][2, 3C]	MA22	HMC311LP3_QCC	[11, 2E][4, 3F][2, 3C]
C210	C	[10, 4E][4, 3F][2, 3C]	C249	C	[12, 3F][4, 3F][2, 3C]	CR6	D_2A	[8, 2F][4, 2D][2, 3C]	L24	L	[10, 4G][4, 3F][2, 3C]	MA23	UPB1507_DSO	[11, 4C][4, 3F][2, 3C]
C211	C	[10, 4D][4, 3F][2, 3C]	C250	C	[12, 3E][4, 3F][2, 3C]	CR7	DZ	[8, 4F][4, 2D][2, 3C]	L25	L	[10, 3D][4, 3F][2, 3C]	MA24	HMC311LP3_QCC	[11, 2B][4, 3F][2, 3C]
C212	C	[10, 3C][4, 3F][2, 3C]	C251	C	[12, 1E][4, 3F][2, 3C]	CR8	D_2A	[8, 2F][4, 2D][2, 3C]	L26	L	[10, 4D][4, 3F][2, 3C]	MA25	HMC326MSBG_DSO	[12, 1F][4, 3F][2, 3C]
C213	C_POL	[10, 3C][4, 3F][2, 3C]	C252	C	[12, 1D][4, 3F][2, 3C]	CR9	D2_AKC	[8, 4E][4, 2D][2, 3C]	L27	L	[10, 3D][4, 3F][2, 3C]	MA26	HMC540LP3_QCC	[12, 2C][4, 3F][2, 3C]
C214	C_POL	[10, 2C][4, 3F][2, 3C]	C253	C	[12, 2D][4, 3F][2, 3C]	CR10	BAV70WX	[10, 2E][4, 3F][2, 3C]	L28	L	[11, 2E][4, 3F][2, 3C]	MN1	74LVC164245_DSO	[23, 3D 23, 3D][14, 3F][2, 3F]
C215	C	[10, 2B][4, 3F][2, 3C]	C254	C	[12, 1D][4, 3F][2, 3C]	CR11	D_2A	[13, 3G][4, 3F][2, 3C]	L29	L	[11, 2B][4, 3F][2, 3C]	MN2	74LVC164245_DSO	[24, 4D 24, 2D][14, 3F][2, 3F]
C216	C_POL	[11, 3G][4, 3F][2, 3C]	C255	C	[12, 4D][4, 3F][2, 3C]	CR12	D_2A	[13, 2G][4, 3F][2, 3C]	L30	L	[12, 2F][4, 3F][2, 3C]	MN3	74LVC164245_DSO	[25, 3D][14, 3F][2, 3F]
C217	C	[11, 1G][4, 3F][2, 3C]	C256	C	[12, 4C][4, 3F][2, 3C]	CR13	DZ	[13, 4E][4, 3F][2, 3C]	L31	L	[12, 4C][4, 3F][2, 3C]	MN3	74LVC164245_DSO	[26, 3D][14, 3F][2, 3F]
C218	C	[11, 2G][4, 3F][2, 3C]	C257	C	[12, 4C][4, 3F][2, 3C]	CR14	D2_AKC	[13, 2D][4, 3F][2, 3C]	L32	L	[12, 4C][4, 3F][2, 3C]	MN4	EPCS4S_DSO	[18, 4F][14, 2D][2, 3F]
C219	C	[11, 2F][4, 3F][2, 3C]	C258	C	[12, 1C][4, 3F][2, 3C]	CR15	MURS120X	[21, 4D][14, 4F][2, 3F]	L33	L	[12, 4C][4, 3F][2, 3C]	MN5	EP2C8X256_BGA	[18, 3D][14, 2D][2, 3F]
C220	C	[11, 2F][4, 3F][2, 3C]	C259	C	[12, 4B][4, 3F][2, 3C]	CR16	HSMS285B	[13, 2G][4, 3F][2, 3C]	L34	L	[13, 2G][4, 3F][2, 3C]	MN6	SEEPROM8KXB_A_DS	[18, 4C][14, 2D][2, 3F]
C221	C	[11, 2E][4, 3F][2, 3C]	C260	C	[13, 1G][4, 3F][2, 3C]	CR17	HSMS285B	[13, 2E][4, 3F][2, 3C]	L35	L	[13, 2G][4, 3F][2, 3C]	MN7	74AHCT1G125_DSO	[26, 2C][14, 3F][2, 3F]
C222	C	[11, 2E][4, 3F][2, 3C]	C261	C_POL	[13, 2F][4, 3F][2, 3C]	CR18	D2_AKC	[13, 4D][4, 3F][2, 3C]	L36	L	[13, 3B][4, 3F][2, 3C]	MN8	74AHCT1G08_A_DS	[5, 2G][4, 2B][2, 3C]
C223	C_POL	[11, 4D][4, 3F][2, 3C]	C262	C	[13, 2E][4, 3F][2, 3C]	E1	S6125719AA	[12, 1B][4, 3F][2, 3C]	L37	L	[8, 2E][4, 2D][2, 3C]	MN9	74AHCT1G08_A_DS	[5, 2F][4, 2B][2, 3C]
C224	C	[11, 4D][4, 3F][2, 3C]	C263	C_POL	[13, 1E][4, 3F][2, 3C]	FL1	HYP_BANDPASS_FILT	[8, 2G][4, 2D][2, 3C]	MA1	OP213_DSO	[5, 3D 5, 3B][4, 2B][2, 3 C]	MN10	74AHCT1G08_A_DS	[5, 2E][4, 2B][2, 3C]
C225	C	[11, 2D][4, 3F][2, 3C]	C264	C	[13, 1E][4, 3F][2, 3C]	FL2	HYP_BANDPASS_FILT	[11, 2D][4, 3F][2, 3C]	MA2	OP213_DSO	[9, 2B 9, 2C][4, 2D][2, 3 C]	MN11	74AHCT1G08_A_DS	[6, 2G][4, 2B][2, 3C]
C226	C	[11, 4D][4, 3F][2, 3C]	C265	C	[13, 4E][4, 3F][2, 3C]	FL3	HYP_BANDPASS_FILT	[13, 3B][4, 3F][2, 3C]	MA3	OP213_DSO	[13, 2D 13, 2E][4, 3F][2, 3C]			
C227	C	[11, 4C][4, 3F][2, 3C]	C266	C	[13, 1C][4, 3F][2, 3C]	L1	L	[20, 3F][14, 4F][2, 3F]	MA4	OP213_DSO	[5, 2A 5, 2C][4, 2B][2, 3 C]			
C228	C	[11, 2C][4, 3F][2, 3C]	C267	C	[13, 2C][4, 3F][2, 3C]	L2	L	[20, 3F][14, 4F][2, 3F]						
C229	C	[11, 4C][4, 3F][2, 3C]	C268	C	[13, 3C][4, 3F][2, 3C]	L3	L	[20, 3F][14, 4F][2, 3F]						
C230	C	[11, 4B][4, 3F][2, 3C]				L4	L	[20, 2F][14, 4F][2, 3C]						

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 030	A3	32 / 35
		REV.

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

	O	3CJ
MN12	74AHCT1G08_A_DS	[8.4D][4.2D][2.3C]
	O	3CJ
MN13	74AHCT1G08_A_DS	[9.2F][4.2D][2.3C]
	O	3CJ
MN14	74AHCT1G08_A_DS	[9.2F][4.2D][2.3C]
	O	3CJ
MN15	74AHC1G14X_DS0	[10.2G][4.3F][2.3C]
MN16	74AHC74_DS0	[10.1E][10.2E][4.3F][2.3C]
MN17	74AHC1G14X_DS0	[11.4B][4.3F][2.3C]
MN18	74AHCT1G08_A_DS	[12.4G][4.3F][2.3C]
	O	3CJ
MN19	74AHCT1G08_A_DS	[12.2G][4.3F][2.3C]
	O	3CJ
MN20	74AHCT1G08_A_DS	[12.4F][4.3F][2.3C]
	O	3CJ
MN21	74AHCT1G08_A_DS	[12.3F][4.3F][2.3C]
	O	3CJ
MN22	74AHCT1G08_A_DS	[12.3E][4.3F][2.3C]
	O	3CJ
MN23	74AHC1G14X_DS0	[13.2C][4.3F][2.3C]
MN24	74AHCT1G08_A_DS	[13.4C][4.3F][2.3C]
	O	3CJ
MN25	74AHC1G14X_DS0	[26.2F][14.3F][2.3F]
MN26	74AHCT1G08_A_DS	[11.4G][4.3F][2.3C]
	O	3CJ
MN27	74LVC1G125_DS0	[27.4E][14.3F][2.3F]
MN28	74LVC1G125_DS0	[27.3E][14.3F][2.3F]
MN29	74LVC1G125_DS0	[27.3E][14.3F][2.3F]
MN30	74LVC1G125_DS0	[27.2E][14.3F][2.3F]
MX1	AD9772_QFP	[16.3E][14.4B][2.3F]
MX2	AD9772_QFP	[17.3D][14.4B][2.3F]
MX3	MAX3226_DS0	[19.3E][14.2D][2.3F]
MX4	MAX1685_DS0	[21.3D][14.4F][2.3F]
MX5	AD5452_TSOTB_DS	[5.2D][4.2B][2.3C]
	O	3CJ
MX6	MAX4647_DS0	[6.3G][4.2B][2.3C]
MX7	MAX4644_DS0	[9.2E][4.2D][2.3C]
MX8	MAX4644_DS0	[9.2D][4.2D][2.3C]
MX9	MAX4647_DS0	[11.3G][4.3F][2.3C]
P1	COAX_3P	[2.4H]
P2	COAX_3P	[2.4A]
P3	CONN70R2	[2.1A 2.1A 2.2A 2.2A 2.3A 2.3A 2.3A 2.3A 2.2A 2.3A 2.3A 2.3A 2.4A 2.4A 2.2H 2.3H 2.3H 2.3H 2.3H 2.3H 2.2H 2.4H 2.4H 2.4H 2.4H 2.4H 2.2A 2.2A 2.4H 2.2H 2.2H 2.2H 2.2H 2.3H 2.3H 2.3H 2.3H 2.2A 2.3H 2.3H 2.2A 2.2A]

P3	CONN70R2	2.2A 2.3H 2.1A 2.1A 2.1A 2.1A 2.4H 2.3A]
		[3.3D 3.4D 3.4D 3.3D 3.3D 3.3D 3.3D 3.3D 3.2D]
P4	CONN10R2X	[15.3G 15.3G 15.3G 15.4D 15.4G 15.3D 15.3G 15.3G 15.3G 15.3D][2.3F]
P5	COAX_5P	[16.3B][14.4B][2.3F]
P6	COAX_5P	[17.3C][14.4B][2.3F]
P7	COAX_5P	[8.2A][4.2D][2.3C]
P8	COAX_5P	[9.4F][4.2D][2.3C]
P9	COAX_5P	[11.2D][4.3F][2.3C]
P10	COAX_5P	[12.2E][4.3F][2.3C]
P11	COAX_5P	[13.3C][4.3F][2.3C]
Q1	BC856BX	[10.2D][4.3F][2.3C]
Q2	BC846BX	[10.2D][4.3F][2.3C]
Q3	BC856BX	[10.2C][4.3F][2.3C]
Q4	BC846BX	[10.2C][4.3F][2.3C]
R1	R	[15.4F][2.3F]
R2	R	[15.3F][2.3F]
R3	R	[15.3F][2.3F]
R4	R	[15.3F][2.3F]
R5	R	[15.4C][2.3F]
R6	R	[15.3C][2.3F]
R7	R	[16.3G][14.4B][2.3F]
R8	R	[16.3G][14.4B][2.3F]
R9	R	[16.4G][14.4B][2.3F]
R10	R	[16.3G][14.4B][2.3F]
R11	R	[16.4F][14.4B][2.3F]
R12	R	[16.3F][14.4B][2.3F]
R13	R	[16.3D][14.4B][2.3F]
R14	R	[16.2C][14.4B][2.3F]
R15	R	[16.2C][14.4B][2.3F]
R16	R	[16.3C][14.4B][2.3F]
R17	R	[16.2C][14.4B][2.3F]
R18	R	[16.2C][14.4B][2.3F]
R19	R	[16.2B][14.4B][2.3F]
R20	R	[17.3F][14.4B][2.3F]
R21	R	[17.3F][14.4B][2.3F]
R22	R	[17.3F][14.4B][2.3F]
R23	R	[17.4F][14.4B][2.3F]
R24	R	[17.3F][14.4B][2.3F]
R25	R	[17.4F][14.4B][2.3F]

R26	R	2.3F]
		[17.3F][14.4B][2.3F]
R27	R	[17.3D][14.4B][2.3F]
R28	R	[17.2C][14.4B][2.3F]
R29	R	[17.2C][14.4B][2.3F]
R30	R	[18.2H][14.2D][2.3F]
R31	R	[18.2H][14.2D][2.3F]
R32	R	[18.2H][14.2D][2.3F]
R33	R	[18.1H][14.2D][2.3F]
R34	R	[18.2G][14.2D][2.3F]
R35	R	[18.2G][14.2D][2.3F]
R36	R	[18.3G][14.2D][2.3F]
R37	R	[18.2G][14.2D][2.3F]
R38	R	[18.3F][14.2D][2.3F]
R39	R	[18.1F][14.2D][2.3F]
R40	R	[18.2F][14.2D][2.3F]
R41	R	[18.2F][14.2D][2.3F]
R42	R	[18.3E][14.2D][2.3F]
R43	R	[18.3E][14.2D][2.3F]
R44	R	[18.4D][14.2D][2.3F]
R45	R	[18.3D][14.2D][2.3F]
R46	R	[18.1D][14.2D][2.3F]
R47	R	[18.2C][14.2D][2.3F]
R48	R	[19.1G][14.2D][2.3F]
R49	R	[19.1G][14.2D][2.3F]
R50	R	[19.2F][14.2D][2.3F]
R51	R	[19.3E][14.2D][2.3F]
R52	R	[19.3E][14.2D][2.3F]
R53	R	[19.2E][14.2D][2.3F]
R54	R	[19.2E][14.2D][2.3F]
R55	R	[19.2D][14.2D][2.3F]
R56	R	[19.3C][14.2D][2.3F]
R57	MNR14X	[23.2G][14.3F][2.3F]
R58	MNR14X	[23.2F][14.3F][2.3F]
R59	R	[23.4F][14.3F][2.3F]
R60	R	[23.4F][14.3F][2.3F]
R61	MNR14X	[23.2F][14.3F][2.3F]
R62	MNR14X	[23.2E][14.3F][2.3F]
R63	MNR14X	[23.2C][14.3F][2.3F]

R64	MNR14X	[24.2F][14.3F][2.3F]
R65	R	[24.2F][14.3F][2.3F]
R66	R	[24.4F][14.3F][2.3F]
R67	R	[24.2F][14.3F][2.3F]
R68	R	[24.4E][14.3F][2.3F]
R69	R	[24.2E][14.3F][2.3F]
R70	R	[24.2E][14.3F][2.3F]
R71	R	[24.2D][14.3F][2.3F]
R72	R	[24.3D][14.3F][2.3F]
R73	R	[24.3D][14.3F][2.3F]
R74	R	[24.2D][14.3F][2.3F]
R75	R	[24.2C][14.3F][2.3F]
R76	R	[24.2C][14.3F][2.3F]
R77	R	[25.3G][14.3F][2.3F]
R78	R	[25.3G][14.3F][2.3F]
R79	R	[25.3F][14.3F][2.3F]
R80	R	[25.3F][14.3F][2.3F]
R81	R	[25.3F][14.3F][2.3F]
R82	R	[25.2F][14.3F][2.3F]
R83	R	[25.3E][14.3F][2.3F]
R84	R	[25.2E][14.3F][2.3F]
R85	R	[26.3G][14.3F][2.3F]
R86	R	[26.3F][14.3F][2.3F]
R87	R	[26.2F][14.3F][2.3F]
R88	R	[26.4F][14.3F][2.3F]
R89	R	[26.3F][14.3F][2.3F]
R90	R	[26.4F][14.3F][2.3F]
R91	R	[26.4F][14.3F][2.3F]
R92	MNR14X	[26.4E][14.3F][2.3F]
R93	MNR14X	[26.4E][14.3F][2.3F]
R95	R	[20.4G][14.4F][2.3F]
R96	R	[20.4G][14.4F][2.3F]
R97	R	[20.1D][14.4F][2.3F]
R98	R	[20.2C][14.4F][2.3F]
R99	R	[20.4B][14.4F][2.3F]
R100	R	[20.4B][14.4F][2.3F]
R101	R	[20.4B][14.4F][2.3F]
R109	R	[22.3E][14.4F][2.3F]
R110	R	[22.2D][14.4F][2.3F]

R111	R	2.3F]
		[22.3D][14.4F][2.3F]
R112	R	[22.3D][14.4F][2.3F]
R113	R	[5.3H][4.2B][2.3C]
R114	R	[5.2G][4.2B][2.3C]
R115	R	[5.4G][4.2B][2.3C]
R116	R	[5.4G][4.2B][2.3C]
R117	R	[5.3G][4.2B][2.3C]
R118	R	[5.3G][4.2B][2.3C]
R119	R	[5.2F][4.2B][2.3C]
R120	R	[5.3F][4.2B][2.3C]
R121	R	[5.2F][4.2B][2.3C]
R122	R	[5.3E][4.2B][2.3C]
R123	R	[5.3E][4.2B][2.3C]
R124	R	[5.4E][4.2B][2.3C]
R125	R	[5.3E][4.2B][2.3C]
R126	R	[5.4E][4.2B][2.3C]
R127	R	[5.2C][4.2B][2.3C]
R128	R	[5.2B][4.2B][2.3C]
R129	R	[5.1C][4.2B][2.3C]
R130	R	[5.3D][4.2B][2.3C]
R131	R	[5.2B][4.2B][2.3C]
R132	R	[5.2A][4.2B][2.3C]
R133	R	[5.3D][4.2B][2.3C]
R134	R	[5.2E][4.2B][2.3C]
R135	R	[5.3C][4.2B][2.3C]
R136	R	[5.2E][4.2B][2.3C]
R137	R	[5.1E][4.2B][2.3C]
R138	R	[5.1E][4.2B][2.3C]
R139	R	[5.4C][4.2B][2.3C]
R140	R	[5.3C][4.2B][2.3C]
R141	R	[5.2C][4.2B][2.3C]
R142	R	[5.2C][4.2B][2.3C]
R143	R	[6.3H][4.2B][2.3C]
R144	R	[6.3G][4.2B][2.3C]
R145	R	[6.2G][4.2B][2.3C]
R146	R	[6.4G][4.2B][2.3C]
R147	R	[6.2G][4.2B][2.3C]
R148	R	[6.3G][4.2B][2.3C]

THALES

THALES COMMUNICATIONS

F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 030	A3	33 / 35
		REV.

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

R149	R	[6. 3G] [4. 2B] [2. 3C]
R150	R	[6. 3F] [4. 2B] [2. 3C]
R151	R	[6. 3F] [4. 2B] [2. 3C]
R152	R	[6. 3F] [4. 2B] [2. 3C]
R153	R	[6. 3E] [4. 2B] [2. 3C]
R154	R	[6. 3E] [4. 2B] [2. 3C]
R155	R	[6. 3E] [4. 2B] [2. 3C]
R156	R	[6. 4E] [4. 2B] [2. 3C]
R157	R	[6. 3E] [4. 2B] [2. 3C]
R158	R	[6. 2E] [4. 2B] [2. 3C]
R159	R	[6. 2D] [4. 2B] [2. 3C]
R160	R	[6. 3D] [4. 2B] [2. 3C]
R161	R	[6. 2D] [4. 2B] [2. 3C]
R162	R	[6. 3D] [4. 2B] [2. 3C]
R163	R	[6. 2D] [4. 2B] [2. 3C]
R164	R	[6. 2D] [4. 2B] [2. 3C]
R165	R	[6. 3D] [4. 2B] [2. 3C]
R166	R	[6. 1D] [4. 2B] [2. 3C]
R167	R	[6. 2D] [4. 2B] [2. 3C]
R168	R	[6. 3C] [4. 2B] [2. 3C]
R169	R	[6. 3C] [4. 2B] [2. 3C]
R170	R	[6. 3C] [4. 2B] [2. 3C]
R171	R	[6. 4C] [4. 2B] [2. 3C]
R172	R	[6. 2C] [4. 2B] [2. 3C]
R173	R	[6. 3C] [4. 2B] [2. 3C]
R174	R	[6. 2C] [4. 2B] [2. 3C]
R175	R	[6. 2C] [4. 2B] [2. 3C]
R176	R	[6. 2B] [4. 2B] [2. 3C]
R177	R	[6. 3B] [4. 2B] [2. 3C]
R178	R	[6. 2B] [4. 2B] [2. 3C]
R179	R	[6. 3B] [4. 2B] [2. 3C]
R180	R	[6. 3B] [4. 2B] [2. 3C]
R181	R	[6. 3B] [4. 2B] [2. 3C]
R182	R	[6. 3B] [4. 2B] [2. 3C]
R183	R	[7. 4G] [4. 2B] [2. 3C]
R184	R	[7. 4G] [4. 2B] [2. 3C]
R185	R	[7. 3G] [4. 2B] [2. 3C]
R186	R	[7. 3G] [4. 2B] [2. 3C]
R187	R	[7. 3F] [4. 2B] [2. 3C]

R188	R	[7. 4F] [4. 2B] [2. 3C]
R189	R	[7. 3F] [4. 2B] [2. 3C]
R190	R	[7. 3F] [4. 2B] [2. 3C]
R191	R	[7. 3E] [4. 2B] [2. 3C]
R192	R	[7. 3E] [4. 2B] [2. 3C]
R193	R	[7. 3E] [4. 2B] [2. 3C]
R194	R	[7. 3E] [4. 2B] [2. 3C]
R195	R	[7. 3D] [4. 2B] [2. 3C]
R196	R	[7. 3D] [4. 2B] [2. 3C]
R197	R	[7. 3C] [4. 2B] [2. 3C]
R198	R	[7. 4C] [4. 2B] [2. 3C]
R199	R	[7. 3C] [4. 2B] [2. 3C]
R200	R	[7. 4B] [4. 2B] [2. 3C]
R201	R	[7. 3B] [4. 2B] [2. 3C]
R202	R	[7. 4B] [4. 2B] [2. 3C]
R203	R	[8. 4F] [4. 2D] [2. 3C]
R204	R	[8. 4F] [4. 2D] [2. 3C]
R205	R	[8. 4F] [4. 2D] [2. 3C]
R207	R	[8. 4D] [4. 2D] [2. 3C]
R208	R	[8. 3D] [4. 2D] [2. 3C]
R209	R	[9. 2G] [4. 2D] [2. 3C]
R210	R	[9. 2G] [4. 2D] [2. 3C]
R211	R	[9. 3G] [4. 2D] [2. 3C]
R212	R	[9. 3G] [4. 2D] [2. 3C]
R213	R	[9. 3F] [4. 2D] [2. 3C]
R214	R	[9. 2F] [4. 2D] [2. 3C]
R215	R	[9. 2E] [4. 2D] [2. 3C]
R216	R	[9. 3D] [4. 2D] [2. 3C]
R217	R	[9. 2D] [4. 2D] [2. 3C]
R218	R	[9. 3D] [4. 2D] [2. 3C]
R219	R	[9. 4D] [4. 2D] [2. 3C]
R220	R	[9. 3D] [4. 2D] [2. 3C]
R221	R	[9. 3D] [4. 2D] [2. 3C]
R222	R	[9. 2D] [4. 2D] [2. 3C]
R223	R	[9. 2C] [4. 2D] [2. 3C]
R224	R	[9. 1C] [4. 2D] [2. 3C]
R225	R	[9. 2C] [4. 2D] [2. 3C]
R226	R	[9. 3C] [4. 2D] [2. 3C]

R227	R	[9. 2C] [4. 2D] [2. 3C]
R228	R	[9. 3C] [4. 2D] [2. 3C]
R229	R	[9. 3B] [4. 2D] [2. 3C]
R230	R	[9. 2B] [4. 2D] [2. 3C]
R231	R	[9. 3B] [4. 2D] [2. 3C]
R232	R	[9. 2B] [4. 2D] [2. 3C]
R233	R	[10. 3G] [4. 3F] [2. 3C]
R234	R	[10. 3G] [4. 3F] [2. 3C]
R235	R	[10. 2F] [4. 3F] [2. 3C]
R236	R	[10. 1F] [4. 3F] [2. 3C]
R237	R	[10. 2F] [4. 3F] [2. 3C]
R238	R	[10. 1F] [4. 3F] [2. 3C]
R239	R	[10. 2F] [4. 3F] [2. 3C]
R240	R	[10. 2F] [4. 3F] [2. 3C]
R241	R	[10. 4E] [4. 3F] [2. 3C]
R242	R	[10. 2E] [4. 3F] [2. 3C]
R243	R	[10. 1E] [4. 3F] [2. 3C]
R244	R	[10. 3D] [4. 3F] [2. 3C]
R245	R	[10. 2D] [4. 3F] [2. 3C]
R246	R	[10. 2D] [4. 3F] [2. 3C]
R247	R	[10. 4C] [4. 3F] [2. 3C]
R248	R	[10. 2C] [4. 3F] [2. 3C]
R249	R	[10. 3C] [4. 3F] [2. 3C]
R250	R	[10. 2B] [4. 3F] [2. 3C]
R251	R	[10. 2B] [4. 3F] [2. 3C]
R252	R	[11. 2G] [4. 3F] [2. 3C]
R253	R	[11. 3F] [4. 3F] [2. 3C]
R254	R	[11. 2E] [4. 3F] [2. 3C]
R255	R	[11. 4D] [4. 3F] [2. 3C]
R256	R	[11. 4D] [4. 3F] [2. 3C]
R257	R	[11. 4C] [4. 3F] [2. 3C]
R258	R	[11. 4C] [4. 3F] [2. 3C]
R259	R	[11. 2B] [4. 3F] [2. 3C]
R260	R	[11. 4B] [4. 3F] [2. 3C]
R261	R	[12. 4G] [4. 3F] [2. 3C]
R262	R	[12. 2G] [4. 3F] [2. 3C]
R263	R	[12. 2G] [4. 3F] [2. 3C]
R264	R	[12. 4G] [4. 3F] [2. 3C]
R265	R	[12. 3F] [4. 3F] [2. 3C]

R266	R	[12. 3E] [4. 3F] [2. 3C]
R267	R	[12. 1E] [4. 3F] [2. 3C]
R268	R	[12. 1E] [4. 3F] [2. 3C]
R269	R	[12. 1E] [4. 3F] [2. 3C]
R270	R	[12. 3D] [4. 3F] [2. 3C]
R271	R	[12. 2D] [4. 3F] [2. 3C]
R272	R	[12. 4D] [4. 3F] [2. 3C]
R273	R	[12. 3D] [4. 3F] [2. 3C]
R274	R	[12. 3C] [4. 3F] [2. 3C]
R275	R	[12. 4B] [4. 3F] [2. 3C]
R276	R	[13. 3G] [4. 3F] [2. 3C]
R277	R	[13. 2F] [4. 3F] [2. 3C]
R278	R	[13. 2F] [4. 3F] [2. 3C]
R279	R	[13. 2F] [4. 3F] [2. 3C]
R280	R	[13. 2F] [4. 3F] [2. 3C]
R281	R	[13. 3F] [4. 3F] [2. 3C]
R282	R	[13. 2F] [4. 3F] [2. 3C]
R283	R	[13. 2E] [4. 3F] [2. 3C]
R284	R	[13. 2E] [4. 3F] [2. 3C]
R285	R	[13. 2E] [4. 3F] [2. 3C]
R286	R	[13. 2E] [4. 3F] [2. 3C]
R287	R	[13. 4E] [4. 3F] [2. 3C]
R288	R	[13. 2D] [4. 3F] [2. 3C]
R289	R	[13. 4E] [4. 3F] [2. 3C]
R290	R	[13. 2D] [4. 3F] [2. 3C]
R291	R	[13. 2D] [4. 3F] [2. 3C]
R292	R	[13. 4D] [4. 3F] [2. 3C]
R293	R	[13. 4C] [4. 3F] [2. 3C]
R294	R	[13. 2C] [4. 3F] [2. 3C]
R295	R	[13. 4C] [4. 3F] [2. 3C]
R296	R	[26. 2G] [14. 3F] [2. 3F]
R297	R	[11. 2A] [4. 3F] [2. 3C]
R298	R	[11. 4G] [4. 3F] [2. 3C]
R299	R	[9. 3B] [4. 2D] [2. 3C]
R300	R	[20. 2E] [14. 4F] [2. 3F]
R301	R	[8. 4C] [4. 2D] [2. 3C]
R302	R	[8. 4C] [4. 2D] [2. 3C]
R303	R	[13. 2B] [4. 3F] [2. 3C]
R304	R	[13. 4B] [4. 3F] [2. 3C]

R305	R	[13. 1B] [4. 3F] [2. 3C]
R306	R	[13. 4B] [4. 3F] [2. 3C]
R307	R	[27. 4E] [14. 3F] [2. 3F]
R308	R	[18. 2G] [14. 2D] [2. 3F]
R309	R	[18. 3G] [14. 2D] [2. 3F]
R310	R	[18. 3D] [14. 2D] [2. 3F]
TB1	CHEVRON2P	[3. 4F]
TB2	CHEVRON2P	[3. 4F]
TB3	CHEVRON2P	[3. 3F]
TB4	CHEVRON2P	[18. 2C] [14. 2D] [2. 3F]
TB5	CHEVRON2P	[18. 2C] [14. 2D] [2. 3F]
TB12	TESTCU	[5. 4G] [4. 2B] [2. 3C]
TB13	TESTCU	[5. 4G] [4. 2B] [2. 3C]
TB14	TESTCU	[5. 4A] [4. 2B] [2. 3C]
TB15	TESTCU	[5. 3B] [4. 2B] [2. 3C]
TB16	TESTCU	[5. 2A] [4. 2B] [2. 3C]
TB17	TESTCU	[6. 3F] [4. 2B] [2. 3C]
TB18	TESTCU	[6. 3E] [4. 2B] [2. 3C]
TB19	TESTCU	[6. 3D] [4. 2B] [2. 3C]
TB20	TESTCU	[6. 3C] [4. 2B] [2. 3C]
TB21	TESTCU	[6. 2A] [4. 2B] [2. 3C]
TB22	CHEVRON2P	[8. 4E] [4. 2D] [2. 3C]
TB23	TESTCU	[8. 4C] [4. 2D] [2. 3C]
TB24	TESTCU	[9. 4C] [4. 2D] [2. 3C]
TB25	TESTCU	[9. 2C] [4. 2D] [2. 3C]
TB26	TESTCU	[9. 3A] [4. 2D] [2. 3C]
TB27	TESTCU	[10. 2F] [4. 3F] [2. 3C]
TB28	TESTCU	[10. 4E] [4. 3F] [2. 3C]
TB29	TESTCU	[10. 2B] [4. 3F] [2. 3C]
TB30	TESTCU	[13. 2F] [4. 3F] [2. 3C]
TB31	TESTCU	[13. 2E] [4. 3F] [2. 3C]
TB32	TESTCU	[13. 2D] [4. 3F] [2. 3C]
TB33	CHEVRON2P	[13. 4D] [4. 3F] [2. 3C]
TB34	TESTCU	[13. 2B] [4. 3F] [2. 3C]
TB35	TESTCU	[13. 4B] [4. 3F] [2. 3C]
TB36	TESTCU	[18. 4E] [14. 2D] [2. 3F]
TB37	TESTCU	[18. 4E] [14. 2D] [2. 3F]
TB38	TESTCU	[18. 4E] [14. 2D] [2. 3F]
TB39	TESTCU	[18. 4E] [14. 2D] [2. 3F]
TB40	TESTCU	[18. 4E] [14. 2D] [2. 3F]

THALES

THALES COMMUNICATIONS
F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 030	A3	34 / 35
		REV.

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.

THIS DOCUMENT AND THE INFORMATION IT CONTAINS ARE PROPERTY OF THALES AND CONFIDENTIAL. THEY SHALL NOT BE REPRODUCED NOR DISCLOSED TO ANY PERSON EXCEPT TO THOSE HAVING A NEED TO KNOW THEM WITHOUT PRIOR WRITTEN CONSENT OF THALES.

CE DOCUMENT ET LES INFORMATIONS QU'IL CONTIENT SONT CONFIDENTIELS ET SONT LA PROPRIETE EXCLUSIVE DE THALES. ILS NE DOIVENT ETRE COMMUNIQUEES QU'AUX PERSONNES AYANT A EN CONNAITRE ET NE PEUVENT ETRE REPRODUITS NI DIVULGUES A TOUTE AUTRE PERSONNE SANS L'AUTORISATION PREALABLE ECRITE DE THALES.

TB41	TESTCU	⌈6.2F⌋⌈4.2B⌋⌈2.3C⌋
Z1	MCA1XX	⌈9.3E⌋⌈4.2D⌋⌈2.3C⌋
Z2	ELCM1	⌈12.4B⌋⌈4.3F⌋⌈2.3C⌋
Z4	TROUMETAL	⌈3.4G⌋
Z5	TROUMETAL	⌈3.3G⌋
Z6	TROUMETAL	⌈3.3G⌋
Z7	TROUMETAL	⌈3.3G⌋
Z8	TROUMETAL	⌈3.3G⌋
Z9	TROUMETAL	⌈3.3G⌋
Z10	TROUMETAL	⌈3.3G⌋
Z11	TROUMETAL	⌈3.2G⌋
Z12	TROUMETAL	⌈3.2G⌋
Z13	TROUMETAL	⌈3.4G⌋

THALES

THALES COMMUNICATIONS

F0057

NUMERO DOCUMENT / DOCUMENT NUMBER	FORMAT / SIZE	PAGE
62246210 - 0.30	A3	35 / 35
		REV. 

ATTENTION : LA VALEUR DES COMPOSANTS EST DONNEE A TITRE INDICATIF, LA VALEUR EXACTE EST ENREGISTREE DANS LA NOMENCLATURE.
CAUTION : THE COMPONENT VALUE IS INDICATED FOR INFORMATION ONLY, THE REFERENCE VALUE IS RECORDED IN THE ITEM PART LIST.