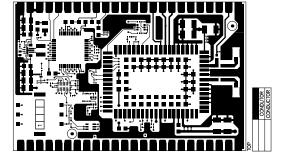
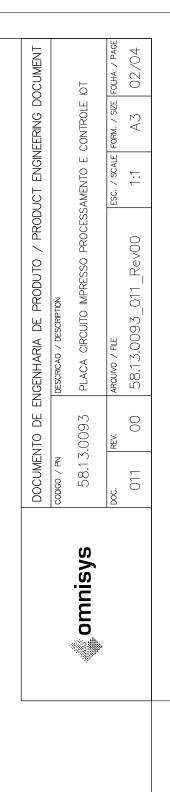
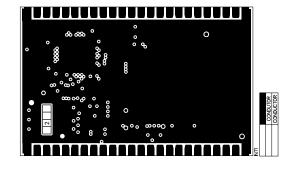
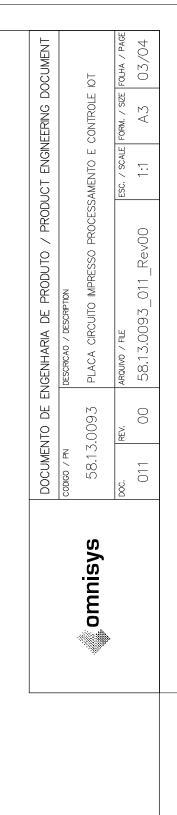
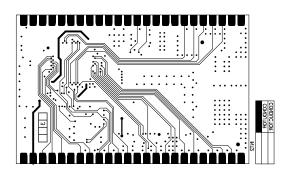
EMISSAO NICIAL / FIRST ISSUE	8		D. Aguiar	iar	E. Rodrigues	E. Rodrigues	L. Degenhardt	dt
HISTORICO DA REVISAO / REVISION HISTORY	REV.	DATA / DATE		RADO / ELABORATED	ELABORADO / ELABORATED VERIFICADO / CHECKED	APROVADO / APPROVED		QUALIDADE / QUALITY
		DOCUMEN	NTO DE EI	NGENHARIA D	DOCUMENTO DE ENGENHARIA DE PRODUTO / PRODUCT ENGINEERING DOCUMENT	RODUCT ENGIN	EERING DO	COMENT
		CODIGO / PN		DESCRICAO / DESCRIPTION	CRIPTION			
omnisys	S.	58.13	.0093	PLACA CIRCL	58.13.0093 PLACA CIRCUITO IMPRESSO PROCESSAMENTO E CONTROLE IOT	CESSAMENTO E (CONTROLE	OT
		DOC.	REV.	ARQUIVO / FILE		ESC. / SCALE FORM. / SIZE FOLHA / PAGE	FORM. / SIZE	FOLHA / PAGE
		011	00	58.13.009	00 58.13.0093_011_Rev00	<u></u>	A3 01/04	01/04

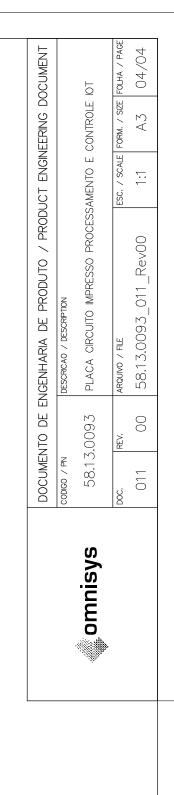


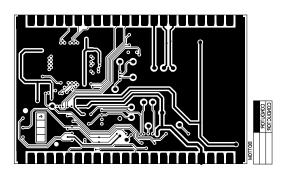




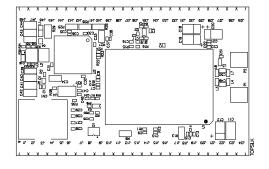


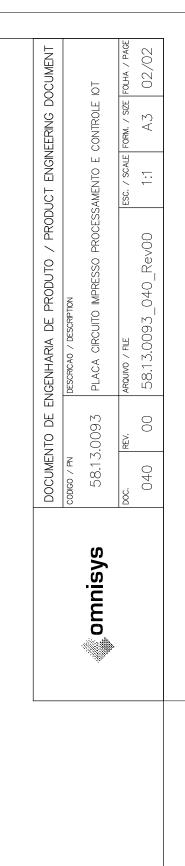


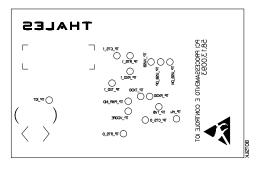




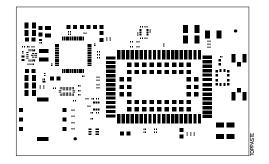
EMISSAO NICIAL / FIRST ISSUE	8		D. Aguiar		E. Rodrigues	E. Rodrigues	L. Degenhardt	rdt
HISTORICO DA REVISAO / REVISION HISTORY	REV.	DATA / DATE	ELABORADO) / ELABORATED	ELABORADO / ELABORATED VERIFICADO / CHECKED APROVADO / APPROVED	APROVADO / APPROVI		QUALIDADE / QUALITY
		DOCUMENT	O DE ENG	ENHARIA D	DOCUMENTO DE ENGENHARIA DE PRODUTO / PRODUCT ENGINEERING DOCUMENT	RODUCT ENGIN	EERING DO	COMENT
		CODIGO / PN	30	DESCRICAO / DESCRIPTION	CRIPTION			
omnisys	S/	58.13.0093		PLACA CIRCL	PLACA CIRCUITO IMPRESSO PROCESSAMENTO E CONTROLE IOT	CESSAMENTO E (SONTROLE	TOI
>		DOC.	REV. AR	ARQUIVO / FILE		ESC. / SCALE FORM. / SIZE FOLHA / PAGE	FORM. / SIZE	FOLHA / PAG
		040	00	58.13.009	58.13.0093_040_Rev00	<u></u>	A3 01/02	01/02



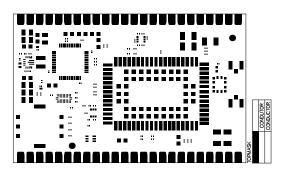


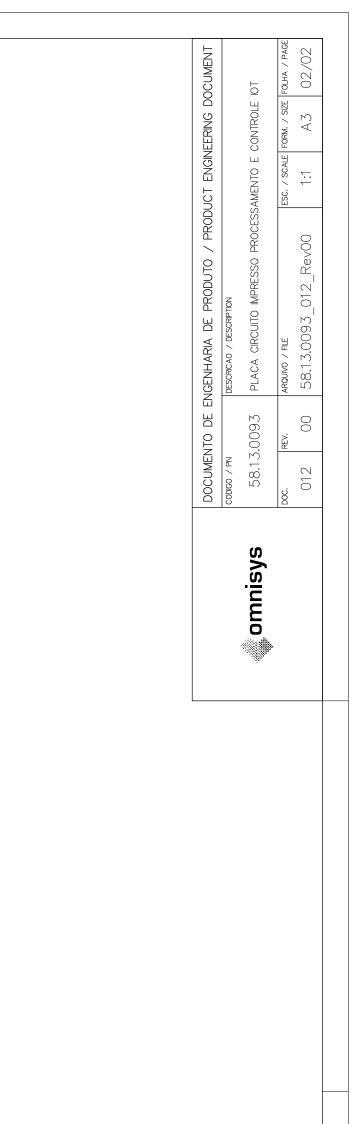


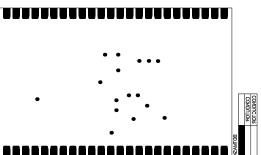
			1				
EMISSAO INICIAL / FIRST ISSUE	00		D. Aguiar		E. Rodrigues	E. Rodrigues	L. Degenhardt
HISTORICO DA REVISAO / REVISION HISTORY	REV.	DATA / DATE		ADO / ELABORATED	ELABORADO / ELABORATED VERIFICADO / CHECKED APROVADO / APPROVED	APROVADO / APPROVED	QUALIDADE / QUALITY
		DOCUMEN	TO DE EN	NGENHARIA D	DOCUMENTO DE ENGENHARIA DE PRODUTO / PRODUCT ENGINEERING DOCUMENT	RODUCT ENGINE	ERING DOCUI
		CODIGO / PN		DESCRICAO / DESCRIPTION	CRIPTION		
omnisys	S/	58.13.0093	0093	PLACA CIRCU	PLACA CIRCUITO IMPRESSO PROCESSAMENTO E CONTROLE IOT	SESSAMENTO E CO	ONTROLE IOT
		DOC.	REV.	ARQUIVO / FILE		ESC. / SCALE FG	ESC. / SCALE FORM. / SIZE FOLHA / PAGE
		235	00		58.13.0093_235_Rev00	<u></u>	A3 01/01



EMISSAO NICIAL / FIRST ISSUE	8		D. Aguiar		E. Rodrigues	E. Rodrigues	L. Degenhardt	rdt
HISTORICO DA REVISAO / REVISION HISTORY	REV.	DATA / DATE		ADO / ELABORATED	ELABORADO / ELABORATED VERIFICADO / CHECKED	APROVADO / APPROVED		QUALIDADE / QUALITY
		DOCUME	NTO DE EI	NGENHARIA D	DOCUMENTO DE ENGENHARIA DE PRODUTO / PRODUCT ENGINEERING DOCUMENT	RODUCT ENGIN	EERING DO	COMENT
		CODIGO / PN		DESCRICAO / DESCRIPTION	SRIPTION			
a omnisys	s/	58.13	.0093	PLACA CIRCU	58.13.0093 PLACA CIRCUITO IMPRESSO PROCESSAMENTO E CONTROLE IOT	SESSAMENTO E	CONTROLE	TOI
		DOC.	REV.	ARQUIVO / FILE		ESC. / SCALE FORM. / SIZE FOLHA / PAGE	FORM. / SIZE	FOLHA / PAGE
		012	00		58.13.0093_012_Rev00		1:1 A3 01/02	01/02







Etiqueta de identificación de identificación de de identificación de identific
--

			ESPE	CIFICACA	ESPECIFICACAO DE FABRICACAO / MANUFACTURING SPECIFICATION	CAO / MAN	IUFACTUR	ING SPECIFIC	ATION	
Acabament Finish: ENIG	Acabamento: ENIG Finish: ENIG	9		Material: Material:	Material: 84200230 HP Material: 84200230 HP	0 0				
Metaliza Plated-	acao: (X) -Through !	Metalizacao: (X) sim () nao Plated—Through holes: (X) yes (Metalizacao: (X) sim () nao Plated—Through holes: (X) yes () no	Linhas (Controlle	Linhas de impedancia controlada (x) sim (Controlled impedance lines (x) yes () no	controlada lines (x) ye	(x) sim	00 ()	Espessur	Linhas de impedancia controlada (x) sim () nao Espessura entre camadas: 0,508mm Controlled impedance lines (x) yes () no Thickness between layers: 0,508mm
Cu: T	Cu: min. 20um Cu: Min. thickness 20um	ss 20um		Teste e Electric	letrico (X) sim Test (X) yes	opu ()	Dimenso Minimum	es minimas 1 dimensions	Trilha 5m ;: Track 5n	Teste eletrico (X) sim () nao Dimensoes minimas: Trilha 5mils Pad 18mils Isolacao 5mils Electric Test (X) yes () no Minimum dimensions: Track 5mils Pad 18mils Gap 5mils
Contata Edge c	os de bor	Contatos de borda: () sim (X) Edge contacts: () yes (X) no	Contatos de borda: () sim (X) nao Edge contacts: () yes (X) no	Cupom Test co	Cupom de teste () sim (X) nao Test coupon () yes (X) no	sim (X)		Classificaca PCB classifi	o da PCI: cation: Cla	Classificacao da PCI: Classe 2 IPC—6012C PCB classification: Classe 2 IPC—6012C
Ni: min. 6um Ni: min. 6um	i. 6um	Au: min. 0,8um Au: min. 0,8um	Au: min. 0,8um Au: min. 0,8um	Mascard Green s	Mascara anti-solda Verde nos dois lados (X) sim () nao Green soldermask on both side (X) yes () no	erde nos do	ois lados () yes ((X) sim () nao	
Toleran Hole to	cia dos fu	Tolerancia dos furos: $+/-$ 0,11 Hole tolerance: $+/-$ 0,10mm	Tolerancia dos furos: +/- 0,10mm Hole tolerance: +/- 0,10mm	Mascarc White m	Mascara seletiva Branca (X) sim () nao White markings (X) yes () no	2a (X) sim	() "	OD.		
				Dimensa	Dimensoes em mm Dimensions in mm	Tolerancic General to	geral: +	Tolerancia geral: +/- 0,2mm General tolerance: +/- 0,2mm		Empenamento maximo: 0,7% Maximum bending: 0,7% Is requested by 16262721 specification
Camada Layer	Camada Esp. do Cobre/Cu thickness Layer Base Min.	/Cu thickness	Referencia material Material reference		Esp. da isolacao Empilhamento Furacao Esp. da placa Impedancia Insula. thickness Stackina Drillina Thickness Impedance	Empilhament Stacking	o Furacao E Drilling	Esp. da placa Thickness	Impedancia	Informacoes adicionais Additional information
01 /04	17.5um	3.3.4um						-	sim/ves	Lines 50 Ohms (0.914mm)
		5	EPOXY HIGH PERFORMANCE	ORMANCE	0,508mm	Ň		% C	2000	Diff. Pairs 90 Ohms (0,615mm × 0,406mm)
02/04	17,5um	12,0um	7,000	LOTANTO	0) L —,		
03/04	17,5um	12,0um	EPOXY HIGH PERFORMANCE	ORMANCE	0,384mm			/+		
			EPOXY HIGH PERFORMANCE	ORMANCE	0,508mm			۷'۱		
04/04	17,5um	33,4um								
Exigenci	ias gerais	/ General	Exigencias gerais / General requirements:							

 $\langle xxx \rangle$ Preencher com o codigo do fomecedor $\langle xxx \rangle$ Fill in the supplier code

Exigencias específicas / Specífic requirements: PCB to be controlled according 16262721 Specífication

(xxxxxx) Data de fabricacao / Date code (x/x) Painel e pos. no painel / Panel and position on the panel

EMISSAO INICIAL / FIRST ISSUE	00		D. Aguiar		E. Rodrigues	E. Rodrigues	L. Degenhardt	dt
HISTORICO DA REVISAO / REVISION HISTORY R	REV.	DATA / DATE	ELABOR/	NDO / ELABORATED	ELABORADO / ELABORATED VERIFICADO / CHECKED APROVADO / APPROVED QUALIDADE / QUALITY	APROVADO / APPROVE	D QUALIDA	DE / QUALITY
		DOCUMENT) DE EN	JGENHARIA D	DOCUMENTO DE ENGENHARIA DE PRODUTO / PRODUCT ENGINEERING DOCUMENT	RODUCT ENGIN	EERING DO	COMENT
	10	CODIGO / PN		DESCRICAO / DESCRIPTION	RIPTION.			
omnisys		58.13.0093	093	PLACA CIRCU	PLACA CIRCUITO IMPRESSO PROCESSAMENTO E CONTROLE IOT	SESSAMENTO E (CONTROLE	OT
		DOC. REV.	>	ARQUIVO / FILE		ESC. / SCALE FORM. / SIZE FOLHA / PAGE	FORM. / SIZE	FOLHA / PAGE
		003	8	58.13.009	58.13.0093_003_Rev00	<u></u>	A3	A3 01/01

 Hit Count
 Finished Hole Size
 Plated
 Hole Type

 1
 27,56mil (0,700mm)
 NPTH
 Round

 2
 20,00mil (0,508mm)
 PTH
 Round

 48
 39,37mil (1,000mm)
 PTH
 Round

 48
 47,24mil (1,200mm)
 PTH
 Round

 322
 8,00mil (0,203mm)
 PTH
 Round