CP09/A - 24/02/89 H.22.14.52 I T A U T E C - I T A U T E C N O L O G I A S/A

L I S T A S D E M A T E R I A I S E M P R O D U C A O A L T E

19409-10-0001-001 P R O D U T O 19409-10-9 PCI CPU IS/30 PLUS

EFETIVACAO EM 17/02/89 ALTERACAO EM 17/02/89

SEQ	COD COMPONENTE	D E S C R I C A O	QUANTIDADE	UMI	POSICIONAMENTO
001	00299-00-6	CAP. 22 KPF CER.U.G.63V-20+80PCZ4V2,54	48,000	PC	C01 A C10,C12 A C3 C46 A C53,C66 A C7 C98
002	00301-00-0	CAP. 10 KPF CER.U.G.63V-20+80PCZ5V2,54	4,000	PC	C212,C217,C227,C25
003	00306-00-2	CAP. 22 PF CER.U.G. 100V 5PC NPO 2,54	6,000	PC	C201 A C204,C233, DOC.19409-07-020
004	00307-00-9	CAP. 150 PF CER. U.G. 100V 5PCN7502,54	7,000	PC	C206,C209,C230 A C C261,C262
005	00310-00-0	CAP. 47 PF CER.U.G. 100V 5PC NPO 2,54	3,000	PC	C214 A C216
006	00330-00-0	CAP. 1 MF TANTALO 35V-20PC	2,000	PC	C11,C36
007	00371-00-9	DIODO 1N4148	3,000	PC	D02,D03,D04
008	00423-00-9	CI 74LS32N -4 PORTAS OR 2 ENT.	3,000	PC	CI28,CI50,CI53
009	00448-00-1	CI 74LS125AN -4 BUFFERS 3-STATE	2,000	PC	CI10,CI13
010	00468-00-2	RESISTOR 27 R-CARBONO 0,33W 5PC	1,000	PC	R118
011	00469-00-9	RESISTOR 33 R-CARBONO 0,33W 5PC	22,000	PC	R126,R128 A R132, R134 A R140,R153A R160 A R163,R168
012	00471-00-3	RESISTOR 47 R-CARBONO 0,33W 5PC	5,000	PC	R109,R111,R113,R12 R176
013	00475-00-9	RESISTOR 100 R-CARBONO 0,33W 5PC	6,000	PC	R15,R23,R25,R37,R4 R45
014	00477-00-1	RESISTOR 150 R-CARBONO 0,33W 5PC	4,000	PC	R119 A R121,R150
015	00479-00-4	RESISTOR 220 R-CARBONO 0,33W 5PC	3,000	PC	R22,R42,R55
016	00484-00-8	RESISTOR 560 R-CARBONO 0,33W 5PC	6,000	PC	R142,R145,R148,R14 R158,R159
017	00487-00-7	RESISTOR 1 K-CARBONO 0,33W 5PC	9,000	PC	R03,R19,R20,R28,R3 R33,R41,R48,R88
018	00489-00-0	RESISTOR 1,5 K-CARBONO 0,33W 5PC	3,000	PC	R34,R49,R16

CP09/A - 23/12/88 H.19.24.58 ITAUTEC - ITAU TECNOLOGIA S/A

LISTAS DE MATERIAIS EM PRODUCAO ALTERA

20119-04-0001-001 PRODUTO 20119-04-6 CABO CPU FONTE-PC86

EFETIVACAO EM 20/12/88 ALTERACAO EM 20/12/88

SEQ	COD COMPONENTE	DESCRICAO	QUANTIDADE	UMI	POSICIONAMENTO
001	00729-00-0	CABINHO 18 AWG (FLEXIVEL)-PRETO	0,480	M	
002	00841-00-5	ABRACADEIRA AUTO-TRAVA C= 92MM D= 16MM	2,000	PC	
003	05726-00-0	CABINHO 18 AWG (FLEXIVEL)-AZUL	0,240	M	
004	05741-00-9	CABINHO 18 AWG (FLEXIVEL)-AMARELO	0,240	M	
005	05742-00-5	CABINHO 18 AWG (FLEXIVEL)-VERMELHO	0,480	M	
006	07520-00-0	CONECTOR 6 PINOS MATE FEM UNIVERSAL	1,000	PC	
007	08097-00-3	CABINHO 22 AWG (FLEXIVEL)-VERDE	0,240	M	
008	10832-00-9	TERMINAL MACHO FASTON 2,8 FITA	1,000	PC	
009	10835-00-8	ALOJAMENTO P/ TERMINAL FASTON 2,8	1,000	PC	
010	11296-00-3	TERM.MATE MAC.P/CONEC.FEM.FITA 20-14 AWG	6,000	PC	

CP09/A - 24/02/89 H.22.14.52 I T A U T E C - I T A U T E C N O L O G I A S/A

L I S T A S D E M A T E R I A I S E M P R O D U C A O A L T E

19409-10-0001-001 P R O D U T O 19409-10-9 PCI CPU IS/30 PLUS

EFETIVACAO EM 17/02/89 ALTERACAO EM 17/02/89

SEQ	COD COMPONENTE	D E S C R I C A O	QUANTIDADE	UMI	POSICIONAMENTO
019	00491-00-4	RESISTOR 2,2 K-CARBONO 0,33W 5PC	5,000	PC	R17,R18,R21,R29,R1
020	00492-00-0	RESISTOR 2,7 K-CARBONO 0,33W 5PC	8,000	PC	R26,R27,R32,R38,R3 R40,R50,R52,
021	00493-00-7	RESISTOR 3,3 K-CARBONO 0,33W 5PC	2,000	PC	R56,R177
022	00494-00-3	RESISTOR 3,9 K-CARBONO 0,33W 5PC	2,000	PC	R24,R44
023	00495-00-0	RESISTOR 4,7 K-CARBONO 0,33W 5PC	46,000	PC	R04A14,31,47,51,58 59,62,63,66,70,76, 85A87,89,95,101A10 127/51/52/57/64/65 70/72/74/75,00
024	00499-00-5	RESISTOR 10 K-CARBONO 0,33W 5PC	44,000	PC	R35,36,46,53,57,60 64,65,67A69,71A74, 84,90A94,96A100,11 112,114,123A125,14 167,171,173
025	00506-00-1	RESISTOR 47 K-CARBONO 0,33W 5PC	2,000	PC	R117,R75
026	00518-00-0	RESISTOR 470 K-CARBONO 0,33W 5PC	1,000	PC	R54
027	00522-00-7	RESISTOR 1 M-CARBONO 0,33W 5PC	2,000	PC	R01,R02
028	00685-00-3	TRANSISTOR BC548 -BAIXA POT. NPN	10,000	PC	T03,T04,T05,T06,T0 T08,T09,T11,T12,T1
029	00688-00-2	TRANSISTOR BC557 -BAIXA POT. PNP	3,000	PC	T01,T02,T10
030	00954-00-4	CAP. 220 MF ELETR 16V AXIAL	5,000	PC	C200,C219,C240,C25 C260
031	00964-00-0	CAP. 10 MF ELETR 25V AXIAL	1,000	PC	C213
032	00987-00-0	CAP. 10 MF ELETR 25V UNIL	3,000	PC	C256,C257,C259
033	01012-00-2	RESISTOR 33 K-CARBONO 0,33W 5PC	1,000	PC	R166
034	01015-00-1	RESISTOR 10 M-CARBONO 0,33W 5PC	2,000	PC	R115,R116
035	01449-00-1	CAP. 3,3 PF CER.U.G100V+-0,25TFNPO2,54	2,000	PC	C235,C236

CP09/A - 24/02/89 H.22.14.52 ITAUTEC - ITAU TECNOLOGIA S/A

LISTAS DE MATERIAIS EM PRODUCAO ALTER

19409-10-0001-001 PRODUTO 19409-10-9 PCI CPU IS/30 PLUS

EFETIVACAO EM 17/02/89 ALTERACAO EM 17/02/89

SEQ	COD COMPONENTE	DESCRICAO	QUANTIDADE	UMI	POSICIONAMENTO
036	01458-00-0	CAP. 560 PF CER.U.G.100V 10PC X5F 2,54	3,000	PC	C237,C238,C246
037	01459-00-7	CAP. 330 PF CER.U.G.100V 10PC X5F 2,54	15,000	PC	C205,C208,C210,C211 C220 A C225,C229, INSTR.MONTAGEM(4)
038	01472-00-3	CI 74LS04N -6 INVERSORES	2,000	PC	CI04,CI29
039	01479-00-8	CI 74LS244N -8 BUFFER DRIVER RECEIVER	5,000	PC	CI09,CI21,CI22,CI39 CI71
040	01481-00-2	CI 74LS245N -8 BUS TRANSCEIVER	5,000	PC	CI23,CI25,CI26,CI37 CI67
041	01485-00-8	CI 74LS05N -6 INVERSORES OC.	1,000	PC	CI08
042	01486-00-4	CI 74LS08N -4 PORTAS AND 2 ENT.	2,000	PC	CI06,CI51
043	01491-00-8	CI 74LS243N -4 BUS BIDIRECIONAL T.S.	1,000	PC	CI40
044	01495-00-3	CI 1488 -4 DRIVER DE LINHA	2,000	PC	CI16,CI30
045	01497-00-6	CI 1489 -4 RECEPTORES DE LINHA	3,000	PC	CI17,CI18,CI31
046	02459-00-0	CI 74LS74AN -2 FLIP-FLOPS D PR. CLR.	4,000	PC	CI03,CI14,CI44,CI52
047	02489-00-7	CI 74LS21N -2 PORTAS AND 4 ENT.	1,000	PC	CI83
048	03259-00-5	CI 74LS373N -8 FLIP-FLOPS D	3,000	PC	CI20,CI41,CI54,
049	03346-00-5	CAP. 1 MF ELETR 100V AXIAL	1,000	PC	C218
050	03412-00-8	DIODO 1N747 -ZENER 3,6V 500MW	1,000	PC	D01
051	03639-00-2	CAP. 12 PF CER. U.G. 100V 5PC NPO2,24	1,000	PC	C234
052	03646-00-9	CAP. 220 PF PLATE 100V 10PC GP 2,54	8,000	PC	C247 A C254
053	05204-00-3	CI 74S04N -6 INVERSORES	3,000	PC	CI47,CI69,CI70
054	05205-00-0	CI 74S08N -4 PORTAS AND 2 ENT.	1,000	PC	CI05
055	06905-00-5	MICA ISOLANTE SB3/002	3,000	PC	
056	07287-00-3	JUMPER 100 CICLOS	13,000	PC	

CP09/A - 24/02/89 H.22.14.52 I T A U T E C - I T A U T E C N O L O G I A S/A

L I S T A S D E M A T E R I A I S E M P R O D U C A O A L T E

19409-10-0001-001 P R O D U T O 19409-10-9 PCI CPU IS/30 PLUS

EFETIVACAO EM 17/02/89 ALTERACAO EM 17/02/89

SEQ	COD COMPONENTE	D E S C R I C A O	QUANTIDADE	UMI	POSICIONAMENTO
057	07315-00-7	CONECTOR 9 PINOS D FEM 90 PLASTICO PCI	1,000	PC	CN05
058	07316-00-3	CONECTOR 25 PINOS D FEM 90 PLASTICO PCI	3,000	PC	CN04,CN06,CN07
059	07323-00-0	CI 74S158N -4 MUX 2 ENTRADAS	3,000	PC	CI73,CI84,CI99
060	07325-00-2	CI 74LS153N -2 MUX 4 ENT.	1,000	PC	CI68
061	07353-00-6	CI 74S74N -2 FLIP-FLOPS D	1,000	PC	CI45
062	07389-00-0	CONECTOR 2 PINOS STICK MAC SIMP VERT C	5,000	PC	JP07,JP12,JP13,CN1 CN14
063	07440-00-6	CI 74LS112AN -2 FF JK PR/CLEAR	1,000	PC	CI01
064	07708-00-9	CONECTOR 3 PINOS STICK MAC SIMP VERT C	7,000	PC	JP03 A JP06,JP08AJ
065	08108-00-5	ARRUELA ISOLANTE FIBRA 3.2X8X1 MM	3,000	PC	FIX.PAINEL CPU
066	08308-00-4	CI 74LS280N -GER. PARID. 9 BITS	1,000	PC	CI49
067	08466-00-9	CONECTOR 4 PINOS STICK MAC SIMP VERT C	2,000	PC	CN13,CN15
068	08477-00-0	CI 74LS374N -8 FLIP-FLOPS D	1,000	PC	CI24
069	08979-00-6	CONECTOR 34 PINOS QUICK MAC 90 L 3 PAR	1,000	PC	CN09
070	09003-00-2	CI 8237A-5 -CONTROL.DMA PROG. 5MHZ	1,000	PC	CI42
071	09404-00-7	CAP. 100 KPF CER.MULT. 63V 20PC Z5U5,08	14,000	PC	C94 A C97,C109 A C
072	10079-00-9	CI PAL14L4 -PAL 14 ENT.4 SAIDAS	1,000	PC	CI07
073	10103-00-7	CONECTOR 31 PINOS EDGE 2,54 PCI C/ORELHA	3,000	PC	CN01,CN02,CN03
074	10119-00-0	CRISTAL 1,843200MHZ	1,000	PC	XTL03
075	10121-00-5	CI PAL16L8A -PAL 16 ENTRADAS 8 SAIDAS	2,000	PC	CI19,CI27
076	10122-00-1	CI 8250 -INTERF.COMUN.PROG.ASSINC	2,000	PC	CI32,CI33
077	10148-00-0	PORCA SEXT. M3,0 SAE1020 ZNBRBR	2,000	PC	CN01
078	10169-00-8	CRISTAL 14.31818MHZ	1,000	PC	XTL01

CP09/A - 24/02/89 H.22.14.52 I T A U T E C - I T A U T E C N O L O G I A S/A

L I S T A S D E M A T E R I A I S E M P R O D U C A O A L T E

19409-10-0001-001 P R O D U T O 19409-10-9 PCI CPU IS/30 PLUS

EFETIVACAO EM 17/02/89 ALTERACAO EM 17/02/89

SEQ	COD COMPONENTE	D E S C R I C A O	QUANTIDADE	UMI	POSICIONAMENTO
079	10170-00-6	CRISTAL 24.0MHZ	1,000	PC	XTL02
080	10181-00-8	DIP SWITCH 6 POSICOES	1,000	PC	DS02
081	10182-00-4	DIP SWITCH 8 POSICOES	1,000	PC	DS01
082	10205-00-4	CRISTAL 16 MHZ	1,000	PC	XTL06
083	10245-00-6	PARAF.CAB.PAN.PHS M3,0X 6 SAE1020 ZNBRBR	3,000	PC	FIX.PAINEL CPU
084	10255-00-1	PARAF.CAB.PAN.PHS M3,0X20 SAE1020 ZNBRBR	2,000	PC	CN01
085	11098-00-7	CRISTAL 32.768 KHZ	1,000	PC	XTL04
086	11337-00-1	CI 50256 -RAM DIN. 256KX1/150NS	18,000	PC	CI57 A CI65,CI74AC
087	11346-00-0	SOQUETE PARA SOLDA 28 PINOS	3,000	PC	CI66,CI72,CI98
088	11347-00-7	SOQUETE PARA SOLDA 40 PINOS	2,000	PC	CI35,CI36
089	11913-00-2	BATERIA 3,6V 100 MAH SUNRIZE	1,000	PC	BAT01
090	13154-00-1	CONECTOR 6 PINOS DUPLC MAC.VERT.STICK	2,000	PC	JP01,JP02
091	13870-00-9	CRISTAL 16.257MHZ	1,000	PC	XTL09
092	16071-00-0	CI MM58167AN -REAL TIME CLOCK	1,000	PC	CI34
093	16098-00-5	CI 4864-12 -RAM DIN.64KX1 120NS	18,000	PC	CI85ACI93,CI100ACI
094	16873-00-9	CI 74F32 -QUAD.2 INPUT OR GATES	1,000	PC	CI02
095	16880-00-5	CI 74F373 -TRI-STATE OCTAL LATCH	3,000	PC	CI38,CI55,CI56
096	17893-00-3	CI 74F11 -3 AND 3 IN	1,000	PC	CI12
097	17916-00-3	CI 4464 - MEM.DIN.64X4-150NS	8,000	PC	CI96,CI97,CI109ACI
098	19408-03-0	PCI VIRG-CPU 8086 PC	1,000	PC	
099	19489-00-5	CI 8086-2 -CPU 16 BITS 8MHZ	1,000	PC	CI36
100	19491-00-0	CRISTAL 9,6MHZ	1,000	PC	XTL05
101	19565-00-3	CI 37C65A-PL00 -FLOPPY SUBSYSTEM DIP	1,000	PC	CI48