

EP 680-1142-650-B							
TTCex							
Nom du client:		B. Taylor		Numéro de code budget:			
DATE:		10/16/2002 13:23					
Dessinateur:		William BILLEREAU		Liste crée par:		William Billereau	
Materiel du Module							
Materiel monté sur le circuit							
QTY	SCEM/NAME	Description	Value	Outline	Volt./ w.	Tol.	Parts
Standard Magasin (SCEM)							
<input type="checkbox"/>	1	07.88.10.140.4	Unipolar Bistable Switch	SW-MENTOR			S1
<input type="checkbox"/>	1	07.88.10.650.7	3mm Single Red LED with Resistor	26.05.1.2.1.1		RED	LD1
<input type="checkbox"/>	1	08.51.45.262.5	Zener Diode BZX55	6.2V	DO35	0.5W	Z1
<input type="checkbox"/>	1	08.56.96.000.6	Quad 2 Input Nand Gate	74F00D	SOIC14		IC1
<input type="checkbox"/>	2	08.57.18.111.6	1:9 Differential clock driver	10E111FN	PLCC28		IC4-IC5
<input type="checkbox"/>	2	08.57.18.131.2	4-Bit D Flip-Flop	MC10E131FN	PLCC28		IC10,IC15
<input type="checkbox"/>	1	08.57.21.011.2	1:2 Differential clock driver	MC10EL11D	SOIC8S_127		IC16
<input type="checkbox"/>	4	08.57.21.016.7	Differential Receiver	MC10EL16D	SOIC8		IC2,IC6-IC8
<input type="checkbox"/>	2	08.57.21.035.4	5V ECL J-K Flip-Flop	MC10EL35D	SOIC8S_127		IC12-IC13
<input type="checkbox"/>	1	08.57.55.337.2	Negative Voltage Regulator	LM337T	TO220		RG1
<input type="checkbox"/>	10	08.61.20.585.2	OPTICAL TRANSMITTER Generic TX-20 mounted on socket 22pins/10.16mm with mylar isolator 0.1mm	LASER_TX20	TX20		TM1-TM10
<input type="checkbox"/>	9	09.46.11.180.6	PCB 50 Ohms LEMO Right Angle Connector	LEMO50C		50 ohms	A1-A2,B1-B2,CLK-CLK2,ENC1-ENC2
<input type="checkbox"/>	1	09.61.33.315.7	Right Angle 3x32pins Male connector for PCB	0903.196.2921	CONEURC3X32M		P1
<input type="checkbox"/>	67	10.03.04.500.2	SMD Ceramic Capacitor	100nF	C1206	50V	C7-C8,C12-C13,C17-C18,C20-C22,C24-C81
<input type="checkbox"/>	1	10.81.01.240.1	Axial Electrolytic Tantalum Capacitor	220uF		10V	C1
<input type="checkbox"/>	11	10.82.01.290.5	SMD Tantalum Electrolytic Capacitor	47uF	Type D	10V	C2-C6,C9-C11,C14-C15,C23
<input type="checkbox"/>	2	10.82.01.385.9	SMD Tantalum Electrolytic Capacitor	33uF	Type D	16V	C16,C19
<input type="checkbox"/>	1	11.24.05.147.7	SMD Resistor	47	R1206	1/4W	1% R38
<input type="checkbox"/>	1	11.24.05.151.1	SMD Resistor	51	R1206	1/4W	1% R52
<input type="checkbox"/>	1	11.24.05.175.3	SMD Resistor	75	R1206	1/4W	1% R36

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Materiel du Module

Materiel monté sur le circuit

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<input type="checkbox"/> 49	11.24.05.182.4	SMD Resistor	82	R1206	0.25W	1%	R4,R6,R8,R10-R11,R17,R20,R25-R26, R30,R33,R44,R46,R49,R51,R53,R56, R62-R63,R67-R68,R71-R72,R75-R76, R79-R80,R83-R84,R88-R89,R92-R93, R96-R97,R100-R101,R104,R106, R108-R109,R112,R114,R116-R117, R120,R122-R123,R125
<input type="checkbox"/> 50	11.24.05.212.5	SMD Resistor	120	R1206	1/4W	1%	R3,R5,R7,R9,R12,R16,R21,R27-R28, R31,R34,R37,R45,R47-R48,R50, R54-R55,R61,R64,R66,R69-R70, R73-R74,R77-R78,R81-R82,R85, R87,R90-R91,R94-R95,R98-R99, R102-R103,R105,R107,R110-R111, R113,R115,R118-R119,R121,R124,R126
<input type="checkbox"/> 2	11.24.05.218.9	SMD Resistor	180	R1206	1/4W	1%	R39,R42
<input type="checkbox"/> 1	11.24.05.230.3	SMD Resistor	300	R1206	1/4W	1%	R35
<input type="checkbox"/> 1	11.24.05.247.4	SMD Resistor	470	R1206	1/4W	1%	R57
<input type="checkbox"/> 13	11.24.05.251.8	SMD Resistor	510	R1206	1/4W	1%	R13-R15,R18-R19,R22-R24,R29, R32,R40-R41,R43
<input type="checkbox"/> 2	11.24.05.300.6	SMD Resistor	1K	R1206	1/4W	1%	R65,R86
<input type="checkbox"/> 1	11.24.05.327.5	SMD Resistor	2.7K	R1206	1/4W	1%	R127
<input type="checkbox"/> 1	11.24.05.347.1	SMD Resistor	4.7K	R1206	1/4W	1%	R59
<input type="checkbox"/> 1	11.24.05.356.0	SMD Resistor	5.6K	R1206	1/4W	1%	R60
<input type="checkbox"/> 1	11.24.05.368.6	SMD Resistor	6.8K	R1206	1/4W	1%	R58
<input type="checkbox"/> 2	11.24.05.422.7	SMD Resistor	22K	R1206	1/4W	1%	R1-R2

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Non Standard Magasin							
<input type="checkbox"/>	2 07.88.24-JUMPINV	Address Selection Jumper 2Pos.	STRAP3				ST1-ST2
<input type="checkbox"/>	2 08.57.100EL90	Triple ECL to PECL Translator	100EL90	SOIC20W_127			IC3,IC9
<input type="checkbox"/>	1 AD711JR	Precision, High Speed BiFET Op. Amp.	AD711JR	SOIC8S_127			IC17
<input type="checkbox"/>	1 AD9901KP-ECL PLCC	Phase Detector-Linear-Freq Discriminator	AD9901KP	PLCC20_127	54mA/+5V		IC14
<input type="checkbox"/>	1 CO-600V	Voltage Controlled Crystal Oscillators	CO-600V				QZ1
<input type="checkbox"/>	1 JUMPER COMATEL	PCB Jumper 10.16mm pitch	313 0028 000 5000	JUMPER			GND
<input type="checkbox"/>	1 MC10E163	2bit 8:1 Multiplexer	10E163	PLCC28_127			IC11
<input type="checkbox"/>	1 MC10E416	Quint Differential Line Receiver	10E416	PLCC28_127			IC18
<input type="checkbox"/>	1 POT-5K-75MW-10%	15T Adjustable Potentiometer	5K	P-89P	0.75W	10%	PT2
<input type="checkbox"/>	1 TP	Stand-Alone Pin for probe test pin	Not mounted				-5.2V

board dimensions:
100x233.4mm

Through pins:	371
SMD pins on TOP:	476
SMD pins on BOTTOM:	250
Total nb of pins:	1097