

Operating Température / Température d'utilisation : --
Storage Température / Température de stockage : --

Modifications :

Issue 1 / Indice 1 (Le 18/11/02) :
– Changed value C37, C48 et P2 / Modifie la valeur de C37, C48 et P2.

Qty/Qté	Mark / Repère	Value / Valeur	Référence - Type	Designation	Indicative manufacturer / Fabricant indicatif * imperative manufacturer * / * Fabricant impératif *
2	R89,R100	NC33	Not wired / Non câblée	SMD Resistor / Résistance CMS	
6	C49,R68,R88,R96,R101,R102	0 ohm	CR0805	SMD Resistor / Résistance CMS	* BOURNS *
1	R42	47	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
3	R34,R38,R69	300	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
2	R7,R61	470	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
4	R53,R74,R90,R80	1K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R83	1.3K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
2	R45,R85	2K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	P1	2.7K	CR1206-1/4W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R60	3.6K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R99	3.9K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R84	5.6K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R41	8.2K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
13	R32,R33,R37,R52,R54,R58,R67,R75, R76,R79,R81,R87,R94	10K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R63	12K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
4	R36,R44,R64,R66	15K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R40	16K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
2	R50,R51	20K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R78	27K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
2	R57,R86	30K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
6	R47,R48,R70,R71,R72,R73	47K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R65	56K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R35	75K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R29	82K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R62	100K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
2	R31,R59	130K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R39	150K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	P2	180K	CR1206-1/4W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	R30	330K	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
3	R43,R46,R95	1M	CR0805-1/8W-5%	SMD Resistor / Résistance CMS	BOURNS / VISHAY / PHILIPS
1	P3	5K-10%	3214W	SMD Trimmer / Potentiomètre multitour CMS	* BOURNS *
2	C70,C86	NC32	Not wired / Non câblé	SMD Ceramic capacitor / Condensateur CMS	
1	C85	4.7pFNPO	0805-NPO-479K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
1	C48	22pFNPO	0805-NPO-220J-50V	SMD Ceramic capacitor / Cond. céramique CMS 5%	A V X / PHILIPS
1	C50	47pFNPO	0805-NPO-470K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
2	C51,C57	68pFNPO	0805-NPO-680K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
2	C52,C54	100pFNPO	0805-NPO-101K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
1	C82	120pFNPO	0805-NPO-121K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
2	C69,C38	150pFNPO	0805-NPO-151K-100V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
1	C42	220pFNPO	0805-NPO-221K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
3	C36,C39,C81	1nF	0805-X7R-102K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
2	C28,C26	1.8nF	0805-X7R-182K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
6	C24,C27,C30,C62,C64,C71	2.2nF	0805-X7R-222K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
4	C37,C59,C76,C80	10nF	0805-X7R-103K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
1	C60	47nF	0805-X7R-473K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
20	Z5,Z6,Z8,Z9,Z10,Z11,C17,C29,C32, C35,C43,C53,C58,C65,C66,C67,C68, C73,C78,C79	100nF	0805-X7R-104K-50V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
1	C45	330nF	0805-X7R-334K-16V	SMD Ceramic capacitor / Cond. céramique CMS 10%	A V X / PHILIPS
14	C7,C18,C19,C21,C22,C23,C25, C40,C46,C61,C63,C72,C77,C84 C31,C33	1uF	0805-Y5V-105M-16V	SMD Ceramic capacitor / Cond. céramique CMS 20%	A V X / PHILIPS
2	C8,C16,C20,C34,C41,C44,C47	2.2uF	0805-Y5V-225M-16V	SMD Ceramic capacitor / Cond. céramique CMS 20%	MURATA
or / ou		22uF/6.3V	595D226X96R3B2T	SMD tantalum capacitor / Cond. tantale CMS 20%	* SPRAGUE *
or / ou		22uF/6.3V	NRS226M10R8	SMD tantalum capacitor / Cond. tantale CMS 20%	* N E C *
or / ou		22uF/10V	GRM235Y5V226Z10	SMD Ceramic capacitor / Cond. céramique CMS +80%/-20%	* MURATA *
		22uF/10V	CM32Y5V226Z10A	SMD Ceramic capacitor / Cond. céramique CMS +80%/-20%	* A V X *

Qty/Qté	Mark / Repère	Value / Valeur	Référence - Type	Designation	Indicative manufacturer / Fabricant indicatif * imperative manufacturer * / * Fabricant impératif *
1	D13	BB133	SOD-323	SMD Variable capacity Diode / Diode varicap CMS	* PHILIPS *
1	D6	BZX84C6V2	SOT-23	SMD Zener Diode / Diode zéner CMS	MOTOROLA
1	D14	MBR0520LT1	SOD-123	SMD Schottky diode / Diode Schottky CMS	* MOTOROLA *
1	D10	BAS16	SOT-23	SMD High-speed diode / Diode rapide CMS	* PHILIPS *
2	T5,T6	MMBT2222A	SOT-23	SMD NPN transistor / Transistor NPN CMS	MOTOROLA / ON / NATIONAL
1	T4	2N7002LT1	SOT-23 (TO-236AB)	SMD TMOSFET N transistor / Transistor TMOSFET N CMS	MOTOROLA / FAIRCHILD / VISHAY
2	T3	IRLML6302	SOT-23	SMD HEXFET P transistor / Transistor HEXFET P CMS	* I R *
or / ou		MGSF1P02LT1	SOT-23	SMD HEXFET P transistor / Transistor HEXFET P CMS	* MOTOROLA *
or / ou		BSH205/T1	SOT-23	SMD HEXFET P transistor / Transistor HEXFET P CMS	* PHILIPS *
or / ou		ZXM61P02F	SOT-23	SMD HEXFET P transistor / Transistor HEXFET P CMS	* ZETEX *
3	M8,M10,M11	TS922ID	SO-8	SMD Dual Op. Amp. / Double A. O. P. CMS	* S T M *
1	M5	TS3702ID	SO-8	SMD Dual Comparator CMOS / Double Comparateur CMOS CMS	* S T M *
2	M7,M13	L4931CD33	SO-8	SMD Voltage regulator / Régulateur de tension CMS	* S T M *
1	M12	MC13176D	SO-16	SMD FM Modulator / Modulateur FM CMS	* MOTOROLA *
1	M9	SSM2166S	SO-14	SMD Microphone Preamplifier / Pré-amplifieur de micro CMS	* ANALOG DEVICES *
1	M6	74HC132D	SO-14	SMD Quad. trig. "NAND" gate / Quad. porte trig. "NAND" CMS	MOTOROLA / PHILIPS / T I / S T M
1	Q2	1.558125MHz	SG-8002JAPCB	SMD Programmable oscillator / Oscillateur programmable CMS	* EPSON *
or / ou		1.558125MHz	CSX-750PBB	SMD Programmable oscillator / Oscillateur programmable CMS	* CITIZEN *
1	B1	1812WBT4	---	RF Transformer / Transformateur RF	* COILCRAFT *
1	L13	NC55	Not wired / Non câblée	Inductor / Inductance	
1	L11	100mH	181LY-104	Inductor / Inductance 10%	* TOKO *
5	L2,L3,L4,L5,L10	22uH	LQH3C220K04	SMD Inductor / Inductance CMS 10%	* MURATA *
1	L9	120nH	1008CS-121XJB	SMD Inductor / Inductance CMS 5%	* COILCRAFT *
or / ou		120nH	GS1008CHGRR12J	SMD Inductor / Inductance CMS 5%	* C T B E *
2	L7,L8	3.9uH	1008LS-392XJB	SMD Inductor / Inductance CMS 5%	* COILCRAFT *
or / ou		3.9uH	GS1008CHGR3R9J	SMD Inductor / Inductance CMS 5%	* C T B E *
1	L12	79nH	E558CNA-100036	SMD Variable inductor / Inductance Variable CMS	* TOKO *
1	J4	NC24	Not wired / Non câblée	PCB Mount SMB Jack / Embase SMB mâle droite	
3	J1,J2,J3	KBL4JN	3.5mm, 3 pôles	Panel Mount stereo Jack / Embase jack stéréo	* LUMBERG *
1	F1	0.5A	MiniSMDC050	SMD POLYSWITCH / Protec. therm. POLYSWITCH CMS	* RAYCHEM *
or / ou		0.5A	MF-MSMD050	SMD POLYSWITCH / Protection réarmable MultiFuse	* BOURNS *
1	H1	NC15	Not wired / Non câblée	LED / DEL	
1	1	---	CI457A	Printed circuit board / Circuit imprimé	* T F E *
SB	2	---	991	Varnish / Vernis	* RHODORSIL *
SB	3	---	Sn60/Pb40	Solder / Soudure	* ALPHA METAL *
1	4	302-7442	L=220mm	Two-wire shielded cable / Câble bifilaire blindé	* FARNELL / MULTICOMP *
ou		KY91-01	L=220mm	Two-wire shielded cable / Câble bifilaire blindé	AXON / FILOTEX
1	5	302-7442	L=220mm	Two-wire shielded cable / Câble bifilaire blindé	* FARNELL / MULTICOMP *
ou		KY91-01	L=220mm	Two-wire shielded cable / Câble bifilaire blindé	AXON / FILOTEX
1	6	302-7442	L=220mm	Two-wire shielded cable / Câble bifilaire blindé	* FARNELL / MULTICOMP *
ou		KY91-01	L=220mm	Two-wire shielded cable / Câble bifilaire blindé	AXON / FILOTEX
1	7	KY 3005	L=250mm	Brown wire / Fil marron #22	AXON / FILOTEX
1	8	KY 3005	L=250mm	Red wire / Fil rouge #22	AXON / FILOTEX
1	11	KY 3005	L=250mm	White wire / Fil blanc #22	AXON / FILOTEX
1	12	KY 3005	L=250mm	Yellow wire / Fil jaune #22	AXON / FILOTEX
4	13	RF-F308	2.8 x 0.8	Crimp Faston clip / Cosse femelle	* CEMBRE *
1	15	KY 3003	L=150mm	White wire / Fil blanc #26	AXON / FILOTEX
1	16	KY 3003	L=150mm	White wire / Fil blanc #26	AXON / FILOTEX
1	18	RG174/U	L=100mm	Black coaxial wire / Coaxial noir Ø3/50 ohms	* ALPHA WIRE *
1	19	---	0-0034104-0	Crimp eyelet terminal / Cosse non-isolée SOLISTRAND Ø3mm	* TYCO *
1	20	---	APM008A00P1 0102	Etiquette Référence	* T F E *

-> matière ref : CIL-9100-L1, fab : CILS