

EP 680-1171-100						
Dual Differential Voltage Measurement- DVM						
Nom du client:		Olesen Gert	Numéro de code budget:			
DATE:		9/7/2001 11:47				
Dessinateur:		Franck EUDARIC	Liste crée par: Franck Eudaric			
Materiel du Module						
Materiel monté sur le circuit						
QTY	SCEM/NAME	Description	Value	Outline	Volt./ w.	Tol. Parts
Standard Magasin (SCEM)						
☐	5	06.73.03.500.8	LITTLE VERTICAL FUSE HOLDER	U-M-FUSE		SKF1-SKF2,SKF4-SKF5,SKF8
☐	5	06.73.50.028.8	MICROMINIATURE FUSE 500mA	U-M-FUSE	0,820R	F3200-F3201,F3300,F3400,F3500
☐	1	06.91.87.050.5	BOUTON.POUSSOIR.INVERSEUR.UNIPOLAIRE	91870505		SW3330
☐	8	07.88.10.650.7	3MM SINGLE RED LED WITH SERIE RESIST	LED+RES		LD3340,LD3350,LD3360-LD3361,LD3370-LD3371,LD3390-LD3391
☐	1	07.88.10.670.3	3MM SINGLE GREEN LED WITH SERIE RESI	LED+RES	VERTE	LD3310
☐	48	07.88.24.360.3	BORNE DE TEST A SOUDER POUR CI	TEST-POINT1.3MM		TP1110-TP1111,TP1120-TP1121,TP1130-TP1131,TP1140,TP1200-TP1201,TP1260-TP1261,TP1270-TP1271,TP1310,TP1320,TP1330,TP1340,TP2110-TP2111,TP2120-TP2121,TP2130-TP2131,TP2140,TP2200-TP2201,TP2260-TP2261,TP2270-TP2271,TP2310,TP2320,TP2330,TP2340,TP3200-TP3202,TP3300-TP3301,TP3310,TP3320-TP3321,TP3340,TP3350,TP3400-TP3401,TP3500-TP3501
☐	4	08.51.11.100.3	DIODE SI	DO-35		D1800,D2800,D3420,D3430
☐	4	08.51.46.218.5	DIODE ZENER BZX85	DO-41	1.1W	D1110-D1111,D2110-D2111
☐	2	08.53.00.010.1	TRANSISTOR.DE.BASSE.PUISSANC.SI.NPN	BSR17		T3240,T3310
☐	4	08.56.93.074.8	Dual D-Type Flip-Flop	SO14		IC3343,IC3360,IC3370,IC3390
☐	2	08.56.96.004.2	HEX.INVERTERS	SO14		IC3342,IC3381
☐	2	08.56.96.007.9	HEX.BUFFER/DRIVER(OPEN.COLLECTOR)	SO14		IC1320,IC2320
☐	1	08.56.96.032.8	4x2-INPUT.POSITIVE.OR.GATES	SO14		IC3320
☐	2	08.57.40.100.6	SPST Analog Switch	TO-100		IC1141,IC2141
☐	28	08.57.71.155.2	NPN-Output dc-Input Optocoupler	DIP6-30		IC1140,IC1300,IC1310,IC1330,IC1900-IC1901,IC1910-IC1911,IC2140,IC2300,IC2310,IC2330,IC2900-IC2901,IC2910-IC2911,IC3310-IC3313,IC3330,IC3340-IC3341,IC3350-IC3351,IC3380,IC3900,IC3910
☐	2	09.46.11.180.6	CONNECT.LEMO.00.50ohms.COUDEE.CI	46111806		J4-J5
☐	1	09.55.05.634.5	CONNECTEUR.CP.34pM.DROIT.AVEC.VER	55056345		J6
☐	1	09.61.33.315.7	CONNECTEUR.96pM.TYPE-C.COUDE.CI	61333157		J2
☐	6	10.03.04.200.1	SMD MULTILAYER CHIP CERAMIC CAPACITOR	C1206	50V	C1100,C1260,C1270,C2100,C2260,C2270
☐	11	10.03.04.400.5	SMD MULTILAYER CHIP CERAMIC CAPACITOR	C1206	50V	C1210,C1213,C1223,C2210,C2213,C2223,C3202-C3203,C3301,C3401,C3501
☐	23	10.03.04.500.2	SMD MULTILAYER CHIP CERAMIC CAPACITOR	C1206	50V	C1310,C1313,C1330,C1333,C2310,C2313,C2330,C2333,C3220,C3230,C3240,C3310,C3340,C3350,C3360-C3361,C3370-C3371,C3390,C3392,C3420,C3430,C3520

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Materiel du Module						
Materiel monté sur le circuit						
QTY	SCЕМ/NAME	Description	Value	Outline	Volt./ w.	Tol. Parts
66	10.35.07.500.7	POLYESTER CAPACITOR 2 STEP	1uF	CPOL200C		C1130-C1135,C1200-C1203,C1211-C1212,C1221-C1222,C1242-C1243,C1250-C1251,C1261-C1262,C1271-C1272,C1311,C1320,C2130-C2135,C2200-C2203,C2211-C2212,C2221-C2222,C2230-C2231,C2242-C2243,C2250-C2251,C2261-C2262,C2271-C2272,C2311,C2320,C3200-C3201,C3221-C3223,C3231-C3232,C3300,C3320,C3341-C3342,C3362,C3372,C3391,C3400,C3500
1	10.36.06.230.8	METALISED PLASTIC CAPACITOR MKL AXIA	4.7uF	36062308	250V	C3330
4	10.36.06.234.4	METALISED PLASTIC CAPACITOR MKL AXIA	10uF	36062344	250V	C1312,C1332,C2312,C2332
2	10.41.30.047.7	RECTANGULAR METALISED POLYCARBONATE	0.47uF	41300477	100V	C1241,C2241
2	10.41.30.100.9	RECTANGULAR METALISED POLYCARBONATE	1uF	41301009	100V	C1240,C2240
8	11.10.33.230.7	High Voltage 5KV Resistor 3W	100K	R3W1P-5KV	5KV/3W	1% R1101-R1104,R2101-R2104
2	11.22.10.315.6	0.4W 1% HIGH STABILITY METAL-FILM	150	R04WHS	0.4W	1% R1200,R2200
2	11.22.10.351.2	0.4W 1% HIGH STABILITY METAL-FILM	510	R04WHS	0.4W	1% R1261,R2261
2	11.22.10.411.7	0.4W 1% HIGH STABILITY METAL-FILM	1.1k	R04WHS	0.4W	1% R1271,R2271
4	11.22.10.524.9	0.4W 1% HIGH STABILITY METAL-FILM	24k	R04WHS	0.4W	1% R1240-R1241,R2240-R2241
4	11.22.10.610.2	0.4W 1% HIGH STABILITY METAL-FILM	100k	R04WHS	0.4W	1% R1313,R1333,R2313,R2333
4	11.24.05.200.9	0.25W 1% METAL FILM CHIP RESISTOR	100	R1206	0.25W	1% R1262,R1272,R2262,R2272
4	11.24.05.212.5	0.25W 1% METAL FILM CHIP RESISTOR	120	R1206	0.25W	1% R3420-R3421,R3430-R3431
10	11.24.05.236.7	0.25W 1% METAL FILM CHIP RESISTOR	360	R1206	0.25W	1% R1320-R1321,R1340-R1341,R2320-R2321,R2340-R2341,R3321-R3322
14	11.24.05.247.4	0.25W 1% METAL FILM CHIP RESISTOR	470	R1206	0.25W	1% R3312,R3341,R3351,R3360-R3363,R3370-R3373,R3390-R3391,R3393
12	11.24.05.300.6	0.25W 1% METAL FILM CHIP RESISTOR	1k	R1206	0.25W	1% R1211-R1212,R1221-R1222,R2211-R2212,R2221-R2222,R3330,R3340,R3350,R3392
8	11.24.05.322.0	Film Metal. SMD Resistor Case 1206	2,2K	R1206	0.25W	1% R1318,R1338,R2318,R2338,R3310-R3311,R3410,R3520
34	11.24.05.400.3	0.25W 1% METAL FILM CHIP RESISTOR	10k	R1206	0.25W	1% R1210,R1264,R1274,R1310-R1312,R1316,R1330-R1332,R1336,R1800,R2210,R2230-R2231,R2264,R2274,R2310-R2312,R2316,R2330-R2332,R2336,R2800,R3210-R3211,R3230,R3240,R3242,R3320,R3380,R3510
2	11.24.05.422.7	0.25W 1% METAL FILM CHIP RESISTOR	22k	R1206	0.25W	1% R1150,R2150
11	11.24.05.439.8	0.25W 1% METAL FILM CHIP RESISTOR	39k	R1206	0.25W	1% R230,R1140,R1201,R1300,R1314,R1334,R2140,R2201,R2314,R2334,R3243
4	11.24.05.468.3	0.25W 1% METAL FILM CHIP RESISTOR	68k	R1206	0.25W	1% R1315,R1335,R2315,R2335
2	11.24.05.500.0	0.25W 1% METAL FILM CHIP RESISTOR	100k	R1206	0.25W	1% R3231,R3241
4	11.24.05.547.5	0.25W 1% METAL FILM CHIP RESISTOR	470k	R1206	0.25W	1% R1263,R1273,R2263,R2273
2	11.65.63.700.8	22T 0.75W 10% ADJUSTABLE POTENTIOMETERS	100k	PT-78P	0.75W	10% P1200,P2200
Non Standard Magasin						
4	NSTROU-0.8MM		Wire Interface for FISHER D104A037 on Front Panel	TROU-0.8MM		B1-B4
8	NSFDLL300	General Purpose High-Speed/Fast Rectifier	FDLL300	FDLL300		D1112-D1115,D2112-D2115
3	NSAD620BR	Instrumentation Amp, Resistor-Programmable		SO8		IC1120,IC2120,IC2230
2	NSAD210BN	Isolation Amplifier	AD210BN	AD210BN		IC1200,IC2200

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Materiel du Module							
Materiel monté sur le circuit							
QTY	SCEM/NAME	Description	Value	Outline	Volt./ w.	Tol.	Parts
☐ 13	NSOP-27GS	Voltage-Feedback Operational Amplifier	OP-27GS	SO8			IC1210-IC1211,IC1220-IC1221,IC1240,IC1250,IC2210-IC2211,IC2220-IC2221,IC2240,IC2250,IC3221
☐ 4	NSLM311M	Analog Comparator	LM311M	SO8			IC1260,IC1270,IC2260,IC2270
☐ 3	NSLM339D	Analog Comparator		SO14			IC1311,IC2311,IC3230
☐ 1	NSREF102AU	Voltage Reference	REF102AU	SO8			IC3220
☐ 1	NSCON	Hybrid 24 Pins Right Angle Male's Connector ABC with 8 Power Receptacle	FCT TYPE M Ref 2724821	CN24ABC-8PWR-M-C			J1
☐ 8	NSR1206-10M	Film Metal. SMD Resistor Case 1206	10M	R1206	0,25W	1%	R1122-R1123,R1317,R1337,R2122-R2123,R2317,R2337
☐ 10	NSR0805-10K	Film Metal. SMD Resistor Case 0805	10K	R0805		1%	R1250-R1251,R1260,R1270,R2250-R2251,R2260,R2270,R3220-R3221
☐ 3	NSR0805-4.99K	Film Metal. SMD Resistor Case 0805	4.99K	R0805		1%	R1252,R2252,R3222
☐ 28	11.22.10.XXX.X	1% HIGH STABILITY METAL-FILM RESISTOR 0.4W	0	R04WHS-XX	Short Circuit for Main Voltage Buffering/Open Circuit for Main Voltage Inversion	1%	LINK1260-LINK1263,LINK1270-LINK1273,LINK2210-LINK2211,LINK2230-LINK2231,LINK2260-LINK2263,LINK2270-LINK2273,LINK3320,LINK3910,R1105,R1120-R1121,R2105,R2120-R2121
☐ 16	07.88.24-JUMPIV	Address Selection Jumper 2Pos.SCEM 09.55.10.XXX.X mounted on SCEM 09.55.10.708.9	STRAP2P	88245081			LINK3340-LINK3341,LINK3350-LINK3351,LINK3360-LINK3363,LINK3370-LINK3373,LINK3390-LINK3393
Board Dimensions: 220x233.4mm through pins: 720 SMD pins on TOP: 600 SMD pins on BOTTOM: 204 Total nb of pins: 1524							