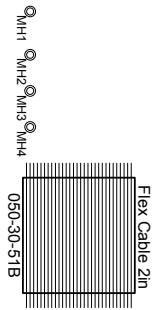


Model 313		Elphel, Inc		1 OF 1	
Sensor IBS5-1300 Brd		DESIGNED Andrew Filippov		DATE 05/21/2003	
NEXT ASSY	QTY 1	REV. 0	EGN #	PRINTED 5/26/2003 AT 9:44:20 AM	
USED	FILE 10317	10317	DATE		



DESIGNATOR	ITEM	QTY	EXT	STK		PART	MANUFAC	VENDOR	VENDOR	PURCH	UNIT		NEW
NUMBER	#	REQ	QTY	CHK	DESCRIPTION	#	TURER	VENDOR	PART #	QTY	PRICE	TOTAL	STOCK
-----	----	---	----	---	-----	-----	-----	-----	-----	-----	----	----	----
R7	49	1	1		Resistor, 25.9KΩ , \pm 1%, SMD 0603, marked as 2592	ERJ-3EKF2492V	Panasonic	Digi-Key	P24.9KHCT-ND	10	0.09	0.9	9
R2, R5-R6, R8-R9	50	5	5		Resistor, 49.9KΩ , \pm 1%, SMD 0603, marked as 4992	ERJ-3EKF4992V	Panasonic	Digi-Key	P49.9KHCT-ND	10	0.09	0.9	5
R1	51	1	1		Resistor, 121KΩ , \pm 1%, SMD 0603, marked as 1213	ERJ-3EKF1213V	Panasonic	Digi-Key	P121KHCT-ND	10	0.09	0.9	9
R12	52	1	1		Resistor, 1.5KΩ , SMD 0603, marked as	ERJ-3GEYJ152V	Panasonic	Digi-Key	P1.5KGCT-ND	10	0.08	0.8	9
RN1-RN2	53	2	2		Resistor Network - 8 isolated, 22Ω , EXB-2HV, marked as 220	EXB-2HV220JV	Panasonic	Digi-Key	Y1220CT-ND	10	0.18	1.8	8
-----	----	---	----	---	Capacitors	-----	-----	-----	-----	-----	----	----	----
C3-C4	54	2	2		Capacitor, Film, 10nF , 16V , \pm 2%, C-0805	ECH-U1C103GX5	Panasonic	Digi-Key		10	0.375	3.75	8
C1, C8, C10	55	3	3		Low ESR Tantalum Chip Capacitor with Polymer Electrode, 68μF , 4V , SMD B	T520B686M004AS	Kemet	Digi-Key	399-3060-1-ND	3	1.1	3.3	0
C2, C11	56	2	2		Low ESR Tantalum Chip Capacitor with Polymer Electrode, 47μF , 6.3V , SMD B	T520B476M006AS	Kemet	Digi-Key	399-3061-1-ND	2	1.1	2.2	0
C9	57	1	1		Capacitor, Tantalum Chip. low ECR, 10μF , 16V , SMD A	T494A106M016AS	Kemet	Digi-Key	399-3105-1-ND	1	0.7	0.7	0
C12-C27, C34-C36	58	19	19		Capacitor, Ceramic Chip, 0.1μF , 25V , C-0603D	06032F104Z8B20D	Phycomp	Digi-Key	311-1087-1-ND	19	0.064	1.216	0
C5	59	1	1		Capacitor, Ceramic Chip, 7pF , C-0603	ECJ-1VC1H070D	Panasonic	Digi-Key	PCC070CVCT-ND	10	0.067	0.67	9
C28-C33, C37-C38	60	8	8		Capacitor, Ceramic Chip, 1000pF , C-0603	06032R102K9B20D	Phycomp	Digi-Key	311-1080-1-ND	10	0.055	0.55	2
C6-C7	61	2	2		Capacitor, Ceramic X5R, 2.2μF , C-0805	ECJ-2YB0J225K	Panasonic	Digi-Key	PCC1923CT-ND	10	0.47	4.7	8
-----	----	---	----	---	Inductors and LC filters	-----	-----	-----	-----	-----	----	----	----
LC1-LC2	62	2	2		Chip EMI Filter, 10000PF , LC4518	EXC-CET103U	Panasonic	Digi-Key	P9832CT-ND	10	0.685	6.85	8
-----	----	---	----	---	Connectors	-----	-----	-----	-----	-----	----	----	----
J1	63	1	1		0.5 mm-Pitch Slide-Lock FPC Connector, top contact, 30 pos., XFL-3025-1	XF2L-3025-1	Omron	Digi-Key	OR692CT-ND	1	1.6	1.6	0
-----	----	---	----	---	Sockets and Matching Parts	-----	-----	-----	-----	-----	----	----	----
XJ1	64	1	1		Flex Cable, 0.5 mm pitch, 30 conductors, 2 in long, 050-30-51B	050-30-51B	Parlex	Digi-Key	HFF-30U-02-ND	1	3.83	3.83	0