

**DATA COLLECTION MODULE PARTS LIST****Assembly 21820**

Revised 3/09/99 @ 9:00AM

NAME	Value	Wattage	TOL	SIZE	MFG	PART#	LESTER#	DIST	QTY	\$\$\$	EXT	QOH
Resistor 10 ohm	1/10 W	5%	0805	AVX	CR21-100J-T	28894	KNT	2	.035	.035		
Resistor 510 ohm	1/10 W	5%	0805	AVX	CR21-511J-T	28896	KNT	2	."	.007		
Resistor 1k ohm	1/10 W	5%	0805	AVX	CR21-102J-T	28897	KNT	3	..	.021		
Resistor 1.2K ohm	1/10W	5%	0805	AVX	CR21-122J-T	29017	KNT	1	..	.035		
Resistor 2.2k ohm	1/10 W	5%	0805	AVX	CR21-222J-T	28898	KNT	1	..	.007		
Resistor 28k ohm	1/10 W	1%	0805	AVX	CR21-283-F	28901	KNT	1	..	.0035		
Resistor 8.2k ohm	1/10 W	5%	0805	AVX	CR21-822J-T	28902	KNT	1	..	.0035		
Resistor 10k ohm	1/10 W	5%	0805	AVX	CR21-103J-T	28903	KNT	7	..	.028		
Resistor 22k ohm	1/10 W	5%	0805	AVX	CR21-223J-T	28904	KNT	1	..	.031		
Resistor 9.31k ohm	1/10 W	1%	0805	AVX	CR21-931-F	28906	KNT	1	..	.0035		
Resistor 51k ohm	1/10 W	5%	0805	AVX	CR21-513J-T	28907	KNT	1	..	.035		
Resistor 100k ohm	1/10 W	5%	0805	AVX	CR21-104J-T	28908	KNT	3	..	.0105		
Resistor 200k ohm	1/10 W	5%	0805	AVX	CR21-204J-T	28909	KNT	1	..	.0035		

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NAME	Value	Wattage	TOL.	SIZE	MFG	PART#	LESTER#	DIST	QTY	\$\$\$	EXT	OOH
Resistor 1.0M ohm	1/10 W	5%	0805	AVX	CR21-105J	28914	KNT	2	.0035	.007		
Resistor 6.8M ohm	1/10 W	5%	0805	AVX	CR21-685J	28917	KNT	1	"	.007		
Resistor 10M ohm	1/10 W	5%	0805	AVX	CR21-106J	28918	KNT	1	"	.0035		
Pot 470K 1TURN	1/10W	5%	SOT23	PAN	EVM-7JSX30BQ5	28951	KNT	1	.274	.274		

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Name	Type	Value	Tol	Volts	Size	Tpco	Mfg	Mfg Part #	LSTR#	Dist	QTY	\$\$	EXT	OOH
CAPACITOR	CER	4.7pf	5%	50	0805	NPO	AVX	08055A47RJATMA C0805C4R7J5GAC	28938	KENT STER	4	.0125	.0375	4K
CAPACITOR	CER	27pf	5%	50	0805	NPO	AVX	08055A270JATMA C0805C270J5GAC	28938	KENT STER	4	.0125	.0375	4K
CAPACITOR	CER	33pf	5%	50	0805	NPO	AVX	08055A330JATMA C0805C330J5GAC	28939	KENT STER	2	.035	.07	
CAPACITOR	CER	100pf	5%	50	0805	NPO	AVX	08055A101JATMA C0805C101J5GAC	28941	KENT STER	5	.0125	.05	
CAPACITOR	CER	.1uf	20%	50	0805	X7R	AVX	08055C104MATA C0805C104M5UAC	28937	KENT STER	8	.0113	.0904	
CAPACITOR	TANT	1uf	10%	16	0805	Z5U	AVX	TAJA105K035R T491A105K016AS	28944	KENT STER	5	.09	.45	
CAPACITOR	TANT	10uf	10%	6	0805	Z5U	AVX	TAJA106K006R T491B106K006AS	28946	KENT STER	1	.103	.309	
CAPACITOR	TANT	100uf	10%	16	1210	Z5U	AVX	TAJD107M016R	29067	KENT	1	.27	.27	

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NAME	PART #	LSTR #	DESCRIPTION	MFG	DIST	QTY	\$\$\$	EXT	OOH
IC, ANALOG	LM2931M-5.0	28922	VOLTAGE REGULATOR	NATL	FUTURE	1	.36	.36	
IC, ANALOG	TK11230B	29823	VOLTAGE REGULATOR	TOKO SGR,PNSTK	1	.35	.35		
IC, ANALOG	UGN3503U	21316	HALL SENSOR	ALLEGRO	1	.42	.42		
IC, ANALOG	LM34DM	28926	TEMPERATURE SENSOR	NATL	FUTURE	1	.75	.75	
IC, DIGITAL	AT90S8535-8AC	29246	MICROPROCESSOR	ATML MARSHL	1	4.78	4.78	400	
IC, ANALOG/RF	RX2056	28928	RECEIVER 916.500MHZ	RFM	INSIGHT	1	10.08	10.08	
IC, ANALOG/RF	HX2000	28929	TRANSMITTER 916.500MHZ	RFM	INSIGHT	1	5.34	5.34	
IC, ANALOG	LM358M	28931	DUAL OP AMP	NATL	FUTURE	1	.16	.16	
IC, ANALOG/RF	MAR-8SM	28932	MMIC	MCKT FACTORY	1	.98	.98		
TRANSISTOR	NPN	MMBT2222	28933	GENERAL PURPOSE	MANY	FUTURE	3	.015	.045
TRANSISTOR	PNP	MMBT2907	28934	GENERAL PURPOSE	MANY	FUTURE	3	.03	.09
TRANSISTOR NPNRF	BFS17H	28936	RF	ZTX,PHLFUT,ADVNT	1	.10	.10		
FUSE,NANO	R429375	28932	.375A 125V SMT	LTLFUS	ADVNT	1	.24	.24	

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NAME	PART NUMBER	LSTR#	DESCRIPTION	MFG	DIST	QTY	\$\$	EXT	OOH
DIODE,RECTIFIER	DL4004	28953	1A 400V SMT	MICROSEMI	FUTURE	1	.042	.042	
DIODE,DUAL	BAV99	28954	HOT CARRIER	PHIL,ZTX	FUT,ADVNT	1	.10	.10	
DIODE	MMBD101LT1	28956	RF	MOT	FUT	1	.145	.145	
DIODE	MMBD914L	28998	SWITCHING	MOT,PHIL	FUT	1	.032	.032	
DIODE,LED	MV5491A	28958	LED	STANLEY	KENT	1	.15	.15	400
INDUCTOR	LQN21AR10J04M00	28961	100nH 0805	MURATA	KNT,STRLG,	1	.106	.106	
INDUCTOR	ML252018BT-101J ELJFC101JF	28963	100uH 0805 SMT 1008	TDK PANASONIC	ADVENT	2	.09	.18	
INDUCTOR	HK21222522MK	29247	22nH	TAIYO YUDEN SCHUSTER TDK MUR	TAIYO YUDEN SCHUSTER TDK MUR	1	.15	.15	2K
INDUCTOR	HK21222510MK	29247	10nH	TAIYO YUDEN SCHUSTER TDK MUR	TAIYO YUDEN SCHUSTER TDK MUR	1	.15	.15	2K
INDUCTOR,FERRITE	LQN21A22NJ047M00	28962	FERRITE	ELNA STEWARD	KENT	2	.20	.20	2
RESONATOR	PBR8.00BR07/AL CCR8.0MC5 EF0-S8004E5	29252	CERAMIC RES	AVX TDK PAN	KENT,FUT DK	1	.56	.56	2.5K
TOROID	A324117-2	25458	CURRENT SENSOR	ARNOLD	FACTORY	1	2.36	2.36	400

**DATA COLLECTION MODULE PARTS LIST**

BOARD,PC	15855C PC BOARD	1
CASE,PLASTIC		
WIRE,LEAD,16AWG,RED	05389	3
WIRE,LEAD,16AWG,BLACK	05792	3
WIRE ASSY,16TEW,BLK 36' &RED 36"	26138	1
TERMINAL,RING	#6STUD 16-14	03717
TUBING, HEAT SHRINK, 1/4"X 3/4"	23194	2
TIE, WIRE		