

M5282EVb					
PROJECT		PART INFORMATION			
Item	Assy	Part Number	Manufacturer	Description & Package Type	Ref. Des.
1	30	MCCC104K2NRT or CO805X7R500-104KNE	SMEC	.1uf,25v,X7R, 0805,10%	C1,C3,C4,C5,C6,C28,C29, C30,C32,C34,C36,C37,C38, C44,C45,C54,C56,C57,C61, C62,C66,C68,C72,C75,C87, C88,C89,C90,C100,C102 C2,C7,C8,C9,C10,C16,C33, C35,C39,C40,C41,C42,C43, C55,C58,C59,C63,C64,C69, C80,C83,C84,C85,C86,C99, C101
2					C11,C12,C13,C14
3					C15,C19,C20,C21,C22,C23, C24,C25,C26,C27
4					C17,C46,C47,C48,C49,C67, C73,C76,C77,C78,C79
5					C18
6	26	MCCC102J2NOT or CO805COG250-102JNE	SMEC	1nF,NPO or COG, 25v, 0805.5%	C31,C50,C51,C52,C53
7					C60
8					C65,C71
9					
10					
11	4	CO805COG500-681JNE	Venkel	680pf, 0805, 50V, NPO or COG	C70
12	10			68nF	C74
13					C82,C81
14	11	CO805X7R500-103KNE	Venkel	10nF,25v,X7R,0805,10%	C91,C92,C93,C94,C95,C96, C97,C98
15					D3,D1
16	1	TCSCS1C106KBAR	Venkel	10uF, 16v, 10% B case tant.	D2,D4
17	5	CO805COG500-471JNE	Venkel	470pF,NPO or COG 0805, 10%	D5,D15,D16
18	1	CO805COG500-470JNE	Venkel	47pf, 0805, 50V, NPO or COG	D6,D7,D8,D9
19	2	TPSE337K10CLR, TMC1CE336KLRH or ESR100-330M10H or	AVX	AVX TPSE337K10CLR	D10,D12,D13
20	1	ECA-1VM102 or UVZ1H102MHH	Panasonic	1000uF 35V or 50v, thru hole rad.	D14,D11
21	1	PCE3007TR-ND	Panasonic	4.7UF, 25V, SMT, Electrolytics	F1
22	2			10pF	JP1-JP5,JP7- JP11,JP19,JP21,JP23,JP12- JP15,JP25,JP27-JP37
23	8	MCCA224K2NRT	SMEC	0.22uF, 0805, 16V	JP16-JP18,JP20,JP22,JP26
24					JP24
25	2			Bicolour LED	JP6
26	2	AA3528SGC	Kingbright	GREEN LED	J1
27	3	AA3528SRCor LST670 or	Kingbright	RED LED	J3,J2
28	4	AA3528SRC (LTL-94PURK-TA is obsolete)	Kingbright	LTL-94PURK-TA	J4
29	3	MBRS340T3	Motorola		J5,J6,J7
30	2	AA3528SGC	Kingbright	LTL-94PGK-TA	J8
31	1	4527K + 4527CK		MULTICOMP MCHTE-15M	J9
32	29	MTMM-102-04-GS-148	Samtec	Conn, 1 x 2 male header, 2 mm	J10
33	6	MTMM-103-04-GS-148	Samtec	Conn, 1 x 3 male header, 2 mm	L1,L2,L3,L4
34	1		Samtec	Conn, 2 x 3 male header, 2 mm	Conn.,
35	1		Samtec	Conn, 2 x 2 male header, 2 mm	P2
64	1	RJHS-5381	Amphenol	Amphenol RJ45_LED	P3
65	2	177983-5	AMP	120way SMT Receptacle	RP1,RP2
66	1	636-2627OR 2526-6002UB		BDM Header	RP3
67	3			100mil Berg Headers 2x10 (not fitted at assembly)	RP4
68	1	1053378-1		External Clock Input (SMC connector)	RP5,RP6,RP13,RP14,RP15, RP16,RP17,RP18,RP19,RP20, RP21,RP22,RP23,RP24,RP25, RP26
69	1	Berg hdr 1X10 TH 100MIL CTR 330H AU		QSPI connector 0.1 pitch	RP7,RP9,RP10,RP11
70	1	Berg hdr 1X4 TH 100MIL CTR 330H AU		I2C Molex Conn. 71565	RP8
71	4	B82111-B-C24	SIEMENS	Inductor, axial	RP12
72	3	747844-3 or 748875-1	AMP	CDB9 RS232 PORT THRU HOLE DB9	R1,R3,R4,R19
73	1	RAPC712		RAPC712	R2
74	1	125V-02		Augat 25V-02	R5
75	2	4 X 603	Panasonic	4x 22	R16,R6
76	1	4 X 603	Panasonic	4x 49.9	R8,R7
77	1	4 X 603	Panasonic	4x75	R15,R9
78	16		Panasonic	4x 4.7K	R10
79					R11
80					R14,R12
81					R13
82	4	4 X 603	Panasonic	4x 50	R17
83	1	4 X 603	Panasonic	4x 330	R18
84	1	4 X 603	Panasonic	4x 470	R19
85	4	0805, 5%	Panasonic	1K	
86	1	0805, 5%	Panasonic	60	
87	1	0805, 1%	Panasonic	10K 1%	
88	2	0805, 5%	Panasonic	10K	
89	2	0805, 5%	Panasonic	180	
90	2	0805, 5%	Panasonic	4.7K	
91	1	0805, 5%	Panasonic	1.5K	
92	1	0805, 5%	Panasonic	50	
93	2	0805, 5%	Panasonic	270	
94	1	0805, 5%	Panasonic	560	
95	1	0805, 5%	Panasonic	470	
96	1	0805, 5%	Panasonic	1M	
97	1			Configuration DIP switch	SW1
98	1	09-10201-02	EAO Switch	POWER SW SLIDE-SPST(Board Edge)	SW2
99	1	KS11R22CQD	C an K	Switch, reset button	S1
100	1	KS11R23CQD	C an K	Switch, reset button	S2
101	9	SPCJ123-03	Jolo	TEST POINT, thru holr, loop	TP1,TP2,TP3,TP4,TP5,TP6, TP7,TP8,TP9
102					
102	1	PE69012	Pulse	Xfmr.	T1
104	1	SN65HCD230D	TI	IC 3.3-V CAN TRANSCEIVER 8-SOIC	U1
105	1			MCF5282CVF66	U2
106	1	P1145-HCSV-25MHZ	Pletronics	25MHz	U3
107	1	Am79C874VC	AMD	IC,64 PIN, LQFP	U4
108	1	Am29LV160DB-90EC	AMD	IC, 44PIN,SO, FLASH,PAGE MODE, 70NS	U5
109	1	Micron MT58L128L36F1 (not populated at assembly)			U6
110	1	MC74LCX541DT	Motorola	IC, 20 PIN, TSSOP	U7
111	1	LM2596S-3.3	National	IC, TO263, 3A, 150mhz	U8
112	1	LM2596S-5	National	IC, TO263, 150mhz	U9
113	1	TLC7733D	TI	IC, 8 PIN, SOIC	U10
114	1	SG- 8002JC- 7.3728PCCLB	Epson	16MHz	U11
	1	FPX073-20	Fox	16MHz	Y1
115	1	MAX708TCSA or AD708SAR	Maxim or Analog Devices		U12
116	2	MT48LC4M16A2TG-7E (TSOP II 400 mil)			U13,U14
117	2	MAX3225CAP	Dallas/Maxim		U15,U16
118	6	SJ5518-9-ND	3M	pad, rubber for back of PCB	

NO POP

CUSTOMER SUPPLIED