

BILL OF MATERIALS FOR ASY-0157-01 (MAIN BOARD)

Part #	Quantity	Value	Attributes	Designations
CAP-0603-103	46	.01uF	SM/C/0603	C1,C16,C17,C20,C21,C23,C29,C30,C31,C32,C34,C37,C58,C59,C60,C62,C63,C64,C67,C74,C75,C79,C80,C81,C85,C86,C88,C89,C90,C91,C93,C94,C96,C97,C98,C102,C104,C105,C106,C108,C110,C111,C116,C120,C121,C122
CAP-0805-104	16	.1uF	SM/C/0805	C2,C14,C15,C18,C19,C22,C27,C28,C57,C69,C70,C83,C112,C114,C128,C130
CAP-0603-470	1	47pF	SM/C/0603	C3
CAP-0806-180	2	18pF	SM/C/0805	C4,C11
CAP-0806-680	1	68pF	SM/C/0805	C5
CAP-0806-220	5	22pF	SM/C/0805	C6,C7,C8,C92,C126
CAP-0806-270	3	27pF	SM/C/0805	C9,C10,C127
CAP-1013-006	8	10uF10V	SM/CT/3528PN	C12,C13,C25,C26,C71,C76,C82,C95,
CAP-0603-101	23	100pF	SM/C/0603	C24,C35,C36,C38,C39,C40,C41,C42,C43,C44,C45,C48,C49,C50,C51,C52,C53,C78,C99,C100,C101,C113,C133
CAP-0603-102	12	.001uF	SM/C/0603	C46,C47,C55,C56,C68,C72,C77,C107,C117,C118,C124,C125,
CAP-0037-010	3	470uF25V	CY400D200H34	C61,C65,C66
CAP-1014-476	3	47uF25V	SM/CT/7343PN	C73,C109,C115
CAP-0603-270	1	27pF	SM/C/0603	C84
CAP-0603-220	2	22pF	SM/C/0603	C87,C132
Not Install	1	FS	SM/C/0603	C103
CAP-0603-0R5	1	.5pF	SM/C/0603	C119
CAP-0805-200	1	20pF	SM/C/0805	C123
SEM-1003-001	2	BAV74	SOT-23	D1,D36
SEM-1012-004	1	MBRS360	D0214AB21	D2
SEM-1003-004	1	MMBD7000	SOT-23	D3
SEM-1006-001	1	MMBV209	SOT-23	D4
SEM-1009-003	28	LED1	SIP2	D5,D6,D7,D8,D9,D10,D11,D12,D13,D14,D15,D16,D17,D18,D19,D20,D21,D22,D23,D24,D25,D26,D27,D28,D29,D30,D31,D32
SEM-1004-002	2	UPP9401	SMB	D33,D35
SEM-1005-004	1	CMPD6263S	SOT-23	D34
IND-2712-433	5	43nH	SM/L/2712	L1,L2,L3,L4,L8
IND-1210-334	2	.33uH	SM/L/1210	L5,L6
IND-1210-335	2	3.3uH	SM/L/1210	L7,L9
SEM-1051-003	1	MMDF2P03HD	SMD8A	Q1

BILL OF MATERIALS FOR ASY-0157-01 (MAIN BOARD) continued

Part #	Quantity	Value	Attributes	Designations
SEM-1051-001	3	2N7002	SOT-23	Q2,Q3,Q4
SEM-1043-001	3	MMBT2222A/NS	SOT-23	Q5,Q7,Q8
SEM-1045-010	2	BFG135	SOT-223	Q9,Q10
SEM-1052-003	1	MTD2955V	DPAK	Q13
RES-0603-221	6		220 SM/R/0603	R1,R17,R53,R57,R105,R108,
RES-1206-047	9		4.7 SM/R/1206	R2,R5,R6,R54,R74,R103,R106,R109,R110,
RES-1206-102	4	1k	SM/R/1206	R3,R122,R123,R124
RES-1206-101	6		100 SM/R/1206	R4,R7,R71,R83,R113,R114
RES-0603-102	42	1K	SM/R/0603	R8,R10,R12,R13,R14,R15,R16,R18,R19,R20,R21,R22,R23,R24,R25, R26,R27,R28,R29,R30,R31,R32,R34,R35,R39,R47,R48,R58,R60,R61, R65,R68,R69,R70,R76,R85,R87,R89,R91,R93,R95,R97
RES-0603-473	13	47K	SM/R/0603	R9,R36,R37,R38,R40,R41,R50,R67,R79,R80,R81,R82,R116,
RES-0603-103	19	10K	SM/R/0603	R42,R44,R45,R46,R49,R51,R52,R55,R56,R63,R66,R77,R78,R98,R111, R118,R119,R120,R125
RES-0805-012	1		1.2 SM/R/0805	R59
RES-0603-222	2	2.2K	SM/R/0603	R64,R104
THE-001-222	1	PTC 2.2K	LEADED PTC	R73
RES-1206-681	7		680 SM/R/1206	R84,R86,R88,R90,R92,R94,R96,
RES-0603-562	1	5.6K	SM/R/0603	R107
RES-0603-332	1	3.3K	SM/R/0603	R121
SEM-1033-004	2	NC7WZU04	SC70-6	U1,U12
SEM-1024-028	1	LM1117-3.3	D-PAK	U2
SEM-1025-012	1	TE28F400	TSOP48	U3
SEM-1026-005	1	24C16	SMD8A	U4
SEM-1026-024	1	TMS320C5402PGE	Q.50M_144A	U5
SEM-1029-008	1	LM4540	TQFP.5M/48	U6
SEM-1024-016	1	TPS76318	SOT23-5	U7
SEM-1179-001	1	PC353T	SMD6	U8
SEM-1024-002	1	78M05	DPAK	U9
SEM-1020-011	1	MB15A01PW	TSSOP20	U10
SEM-0153-003	1	TDA-2002	TO-220(5LEAD)	U11
SEM-????	1	TPS3823-3.3	SOT23-5	U13
SEM-1170-002	1	PCF8576CH	Q.50M_64A	U14
SEM-1029-012	1	TLV0832CDW	SOIC/8	U15

BILL OF MATERIALS FOR ASY-0157-01 (MAIN BOARD) continued

Part #	Quantity	Value	Attributes	Designations
SEM-1029-010	1	TLV5628CDW	SOIC	U17

BILL OF MATERIALS FOR ASY-0157-02 (RX BOARD)

Part #	Quantity	Value	Attributes	Designations
CAP-0603-068	6	6.8pf	SM/C/0603	C2,C5,C12,C15,C16,C17
CAP-0603-0R5	2	0.5pF	SM/C/0603	C3,C4
CAP-0603-100	1	10pF	SM/C/0603	C6
CAP-0603-220	4	22pF	SM/C/0603	C7,C9,C19,C20
CAP-0603-103	10	.01uF	SM/C/0603	C8,C9,C13,C14,C24,C25,C26,C27,C28,C29
CAP-0805-104	3	.1uF	SM/C/0805	C10,C21,C22
FIL-0008-002	1	21.4MHZ	UM1 FILTER PAIR	F1,F2
FIL-0004-008	1	450KHZ	CWFS450E	F3
IND-0005-046	3	28nH	COILCRAFT7MM	L1,L2,L3
IND-1210-335	2	3.3uH	SM/L/1210	L4,L5,L7,L8
TRA-0014-002	1	455XFMR	7MMXFMR	L6
SEM-1055-001	3	J310	SOT-23	Q1,Q2,Q3
RES-0603-360	4		36 SM/R/0603	R1,R2,R12,R14
RES-0603-222	4	2.2K	SM/R/0603	R3,R6,R7,R9
RES-0603-151	4		150 SM/R/0603	R4,R8,R10,R11
RES-0603-223	2	22K	SM/R/0603	R5,R13
RES-0603-561	1		560 SM/R/0603	R15
SEM-1027-012	1		SMD16A	U1
SEM-1024-018	1	LM3490-5	5V REGULATOR	U2
MIX-1001-002	1	ADE-1	SMD MIXER	U3
PCB-0157-002	1		157 RX PCB	

BILL OF MATERIALS FOR ASY-0157-03 (VCO BOARD)

Part #	Quantity	Value	Attributes	Designations
CAP-1016-225	3	2.2uF25V	SM/CT/3528PN	C1,C2,C3
CAP-1017-225	2	.22uf /35v	SMT .22uf TANT	C4, C5
CAP-0603-330	3	33pF	SM/C/0603	C6,C18,C21
CAP-0805-102	8	.001uF	SM/C/0805	C7,C12,C16,C17,C19,C22,C24,C25
CAP-0603-103	3	.01uF	SM/C/0603	C8,C13,C15
CAP-0804-104	2	.1uF	SM/C/0805	C9,C17
CAP-0603-010	3	1pF	SM/C/0603	C10,C11,C20
CAP-0037-014	2	47uF10V	SM/CT/7343PN	C14,C16
CAP-0603-100	1	10uF16V	SM/CT/3528PN	C21
SEM-1005-004	1	CMPD6263S	SOT-23	D1
SEM-1002-001	1	MMBV3401	SOT-23	D2
SEM-1006-001	3	MMBV109L	SOT-23	D3,D4,D5
IND-1210-334	3	.1uH	SM/L/1210	L1,L4,L7
IND-1210-335	2	3.3uH	SM/L/1210	L2,L4
ASY-157-005	1	SEA157 L5	TOROID	L5
ASY-157-006	1	SEA157 L6	TOROID	L6
SEM-1055-001	1	J310	SOT-23	Q1
SEM-1051-001	1	2N7002	SOT-23	Q2
SEM-1045-007	1	BFS17	SOT-23	Q3
SEM-1045-001	1	MMBT5179	SOT-23	Q4
SEM-10??-???	1	2N2222	SOT-23	Q5
RES-0805-101	2		47 SM/R/0805	R5,R20
RES-0603-102	5	1K	SM/R/0603	R3,R4,R7,R8,R13
RES-0603-223	6	22K	SM/R/0603	R6,R9,R10,R15,R18,R19
RES-0603-100	3		10 SM/R/0805	R1,R2,R12
RES-0603-331	1		560 SM/R/0805	R15
RES-0805-220	1		22 SM/R/0805	R14
RES-1206-221	1		220 SM/R/1206	R17
SEM-1024-005	1	78L08	SMD8	U1
PCB-0157-003	1	SEA157 VCO PCB		