



Bill of Materials for the NCN49597ID11GEVK Evaluation Kit

Item Number	Quantity	Part Reference	Value	Part Number	Sourcing	PCB Footprint
E1REXT (IDIS RESONANT)						
1	0	CON1	open		open	open
2	0	R3	open		open	open
3	0	C4	open		open	open
4	1	R22		620 C0603CF103		SM_C_0603
5	1	R12		100 C0603CF103		SM_C_0603
6	1	C20	100n/25			CAPC1005X55
7	1	J1	CON20AP		Farnell 1099258	HDR254M-2X10-SHROUDED
8	1	JP1	ZC			J_0603_P
9	1	U2	NCP1117LPST33T3G		ON Semi sample	SOT223_1234
10	0	TP4	open		open	open
11	0	TP36	open		open	open
12	1	R73		75 C0603CF103		SM_C_0603
13	1	Q9	BC850C		ON Semi sample	SOT23_123
14	1	R6	160k			sm_r_1206
15	0	CL4	open			open
16	1	LED2	L-53SGD			SM_LED_0805
17	1	R2	0R039	C0603CF103	Farnell 1798584	SM_C_0603
18	1	C3	220n/X2			ECQU15
19	1	R58	47R			SM_R_1206
20	0	TP11	open		open	open
21	0	TP15	open		open	open
22	1	ISO8	TCET1103			DIP4_OPT_400MILS
23	1	ISO4	TCET1103			DIP4_OPT_400MILS
24	0	L5	open			open
25	0	CON3	open			open
26	0	CL10	open			open
27	0	R14	open			open
28	1	R17	10k	C0603CF103		SM_C_0603
29	1	D5	P6SMB11CAT3G		ON Semi sample	SMB_DO214AA_12
30	1	R71		27 C0603CF103		SM_C_0603
31	0	TP2	open		open	open
32	0	TP9	open		open	open
33	1	R66	10k	C0603CF103		SM_C_0603
34	1	Q2	BC850C		ON Semi sample	SOT23_123
35	0	CL14	open			open
36	0	CL6	open			open
37	0	R13	open			open
38	0	R8	open			open
39	1	C7	100n/25	C0603CeUnknown		CAPC1005X55
40	1	C23	100n/25			CAPC1005X55
41	1	ISO6	TCET1103			DIP4_OPT_400MILS
42	1	R40		300 C0603CF103		SM_C_0603
43	1	CL9	CON14			gaatjesprint254m-1x14
44	1	C1	220n/X2			ECQU15
45	1	R64	47R			SM_R_1206
46	0	TP17	open		open	open
47	0	TP22	open		open	open
48	0	TP24	open		open	open
49	0	TP33	open		open	open
50	1	R46	43k	C0603CF103		SM_C_0603
51	1	C9	4u7			SM_C_0805
52	1	R4	47k			sm_l_1206
53	0	CL13	open			open
54	1	R37		75 C0603CF103		SM_C_0603
55	1	J2	USB-B			USB_B
56	1	C15	1n/25	C0603CeUnknown		CAPC1005X55
57	1	L4	SDR0604-221KL			indc5800x5800
58	0	TP12	open		open	open
59	0	TP14	open		open	open
60	0	TP18	open		open	open
61	1	R45		300		SM_C_0603
62	1	R43	10k			SM_C_0603
63	0	D3	open		open	open
64	1	C22	100n/25			CAPC1005X55
65	1	RV1	EPCOS 250V		Farnell 1004355	ZNR_15R5X4R5X18R5X1R6_7R5MMLS
66	1	R41	10k	C0603CF103		SM_C_0603
67	1	R33		300 C0603CF103		SM_C_0603
68	1	U5	ADUM1201			soic127p600x175-8
69	1	C12	100u/16		Farnell 1870627 or equivalent	CAPAE660X790
70	0	TP1	open		open	open
71	0	TP10	open		open	open

72	1 U1	VSK-S15-12U			ame15-6
73	1 ISO2	TCET1103			DIP4_OPT_400MILS
74	0 R16	open	open		open
75	1 R36		75 C0603CF103		SM_C_0603
76	1 L2	SDR0604-221KL			indc5800x5800
77	1 L1	SDR0604-221KL			indc5800x5800
78	0 TP8	open		open	open
79	0 TP28	open		open	open
80	0 TP34	open		open	open
81	1 Q5	BC850C		ON Semi sample	SOT23_123
82	1 R7	47k			sm_r_1206
83	0 CL16	open			open
84	0 CL3	open			open
85	1 L7	SRR1260-680M		Farnell 2212503	INDC1250X1250
86	1 R74	10k	C0603CF103		SM_C_0603
87	1 L3	SDR0604-221KL			indc5800x5800
88	0 TP5	open		open	open
89	0 TP20	open		open	open
90	0 C8	open			open
91	1 D2	MURA140T3		ON Semi sample	DO214AC_SMA
92	0 CL15	open			open
93	0 J4	open			open
94	0 R9	open			open
95	1 C10	220u/25			CAP_AL_8X20_3R5MM
96	1 R59	47R			SM_R_1206
97	0 TP29	open		open	open
98	0 CL5	open			open
99	0 CL2	open			open
100	0 Q1	open		open	open
101	0 D1	open		open	open
102	1 TF1	ON-PLC-1T2-001			EF16
103	0 TP7	open		open	open
104	0 TP19	open		open	open
105	1 R20	10k	C0603CF103		SM_C_0603
106	1 R57		75 C0603CF103		SM_C_1206
107	0 R19	open	open		open
108	1 R18		330 C0603CF103		SM_C_0603
109	1 R65	47R			SM_R_1206
110	0 TP6	open		open	open
111	0 TP26	open		open	open
112	1 C24	100n/25			CAPC1005X55
113	0 U6	open			open
114	1 L6	22u		Farnell 1929699	INDC1250X1250
115	0 CL12	open			open
116	0 Q3	open		open	open
117	1 LED4	L-53SGD			SM_LED_0805
118	1 C19	470p			SM_C_0603
119	1 R72		27 C0603CF103		SM_C_0603
120	1 C25	100n/25			CAPC1005X55
121	1 LED1	L-53SGD			SM_LED_0805
122	1 R10	0R			SM_R_1206
123	1 R42	10k			SM_C_0603
124	1 R15		470 C0603CF103		SM_C_0603
125	0 CL11	open			open
126	0 ISO1	open			open
127	1 FB1	600Z			SM_C_0805
128	1 R39		75 C0603CF103		SM_C_0603
129	1 R35		300 C0603CF103		SM_C_0603
130	1 CL7	CON14			gaatjesprint254m-1x14
131	1 R63	47R			SM_R_1206
132	0 TP21	open		open	open
133	0 TP30	open		open	open
134	1 R67		300 C0603CF103		SM_C_0603
135	1 C5	680u/25			CAP_AL_8X20_3R5MM
136	0 CL1	open			open
137	0 D4	open		open	open
138	1 NTC1		9007563		ZNR_15R5X4R5X18R5X1R6_7R5MMLS
139	1 R44	10k	C0603CF103		SM_C_0603
140	1 R34		300 C0603CF103		SM_C_0603
141	1 R38	10k	C0603CF103		SM_C_0603
142	1 R62	47R			SM_R_1206
143	0 TP3	open		open	open
144	0 CL17	open			open
145	1 C13	1n	C0603CeUnknown		SM_C_0603
146	1 C14	1n	C0603CeUnknown		SM_C_0603
147	1 U4	NUP2114		ON Semi sample	SOT95P280X110-6
148	1 LED3	L-53SGD			SM_LED_0805
149	1 R27	1M5	C0603CF103		SM_C_0603
150	1 R30		300 C0603CF103		SM_C_0603
151	1 ISO7	TCET1103			DIP4_OPT_400MILS
152	1 C11	100n/25			CAPC1005X55

153	0 TP13	open		open	open	open
154	0 TP23	open		open	open	open
155	1 D6	MM3Z8V2		ON Semi sample		SOD_323_12
156	1 R1	160k				sm_r_1206
157	1 C2	220n/630	B32653A6224J			ECQ_E6474KF
158	1 CON4	IEC 60320 C14 Fused		Farnell 1176809 + Farnell 1360787		CON-IEC-GSF1120131-3
159	0 CL18	open				open
160	0 J5	open				open
161	0 R5	open				open
162	1 C6	680u/25				CAP_AL_8X20_3R5MM
163	1 C21	100n/25				CAPC1005X55
164	1 SW1	RST		Farnell 1555987 or equivalent		FSMRA4JH
165	1 R60	47R				SM_R_1206
166	0 TP27	open		open		open
167	0 TP35	open		open		open
168	0 Q4	open				open
169	1 U3	FT230XS				TSSOP66P300X110-16
170	1 J3	CON20AP		Farnell 1099258		HDR254M-2X10-SHROUDED
171	1 CL8	CON14				gaatjesprint254m-1x14
172	1 R61	47R				SM_R_1206
173	0 TP16	open		open		open
174	0 TP25	open		open		open
175	1 R11	43k				SM_C_0603
E1ROPEN (IDIS RESONANT)						
1	0 CON1	open		open		open
2	0 R3	open				open
3	0 C4	open				open
4	1 R22		620 C0603CF103			SM_C_0603
5	1 R12		100 C0603CF103			SM_C_0603
6	1 C20	100n/25				CAPC1005X55
7	1 J1	CON20AP		Farnell 1099258		HDR254M-2X10-SHROUDED
8	1 JP1	ZC				J_0603_P
9	1 U2	NCP1117LPST33T3G		ON Semi sample		SOT223_1234
10	0 TP4	open		open		open
11	0 TP36	open		open		open
12	1 R73		75 C0603CF103			SM_C_0603
13	1 Q9	BC850C		ON Semi sample		SOT23_123
14	1 R6	160k				sm_r_1206
15	0 CL4	open				open
16	1 LED2	L53SGD				SM_LED_0805
17	1 R2	0R039	C0603CF103	Farnell 1798584		SM_C_0603
18	1 C3	220n/X2				ECQU15
19	1 R58	47R				SM_R_1206
20	0 TP11	open		open		open
21	0 TP15	open		open		open
22	1 ISO8	TCET1103				DIP4_OPT_400MILS
23	1 ISO4	TCET1103				DIP4_OPT_400MILS
24	0 L5	open				open
25	0 CON3	open				open
26	0 CL10	open				open
27	0 R14	open				open
28	1 R17	10k	C0603CF103			SM_C_0603
29	1 D5	P6SMB11CAT3G		ON Semi sample		SMB_DO214AA_12
30	1 R71		27 C0603CF103			SM_C_0603
31	0 TP2	open		open		open
32	0 TP9	open		open		open
33	1 R66	10k	C0603CF103			SM_C_0603
34	1 Q2	BC850C		ON Semi sample		SOT23_123
35	0 CL14	open				open
36	0 CL6	open				open
37	0 R13	open				open
38	0 R8	open				open
39	1 C7	100n/25	C0603CeUnknown			CAPC1005X55
40	1 C23	100n/25				CAPC1005X55
41	1 ISO6	TCET1103				DIP4_OPT_400MILS
42	1 R40		300 C0603CF103			SM_C_0603
43	1 CL9	CON14				gaatjesprint254m-1x14
44	1 C1	220n/X2				ECQU15
45	1 R64	47R				SM_R_1206
46	0 TP17	open		open		open
47	0 TP22	open		open		open
48	0 TP24	open		open		open
49	0 TP33	open		open		open
50	1 R46	43k	C0603CF103			SM_C_0603
51	1 C9	4u7				SM_C_0805
52	1 R4	47k				sm_r_1206
53	0 CL13	open				open
54	1 R37		75 C0603CF103			SM_C_0603
55	1 J2	USB-B				USB_B
56	1 C15	1n/25	C0603CeUnknown			CAPC1005X55

57	1 L4	SDR0604-221KL			indc5800x5800
58	0 TP12	open		open	open
59	0 TP14	open		open	open
60	0 TP18	open		open	open
61	1 R45		300		SM_C_0603
62	1 R43	10k			SM_C_0603
63	0 D3	open		open	open
64	1 C22	100n/25		open	CAPC1005X55
65	1 RV1	EPCOS 250V		Farnell 1004355	ZNR_15R5X4R5X18R5X1R6_7R5MMLS
66	1 R41	10k	C0603CF103		SM_C_0603
67	1 R33		300 C0603CF103		SM_C_0603
68	1 U5	ADUM1201			soic127p600x175-8
69	1 C12	100u/16		Farnell 1870627 or equivalent	CAPAE660X790
70	0 TP1	open		open	open
71	0 TP10	open		open	ame15-6
72	1 U1	VSK-S15-12U			dip4_opt_400MILS
73	1 ISO2	TCET1103			open
74	0 R16	open	open		SM_C_0603
75	1 R36		75 C0603CF103		indc5800x5800
76	1 L2	SDR0604-221KL			indc5800x5800
77	1 L1	SDR0604-221KL			indc5800x5800
78	0 TP8	open		open	open
79	0 TP28	open		open	open
80	0 TP34	open		open	open
81	1 Q5	BC850C		ON Semi sample	SOT23_123
82	1 R7	47k			sm_r_1206
83	0 CL16	open			open
84	0 CL3	open			open
85	1 L7	SRR1260-680M		Farnell 2212503	INDC1250X1250
86	1 R74	10k	C0603CF103		SM_C_0603
87	1 L3	SDR0604-221KL			indc5800x5800
88	0 TP5	open		open	open
89	0 TP20	open		open	open
90	0 C8	open			open
91	1 D2	MURA140T3		ON Semi sample	DO214AC_SMA
92	0 CL15	open			open
93	0 J4	open			open
94	0 R9	open			open
95	1 C10	220u/25			CAP_AL_8X20_3R5MM
96	1 R59	47R			SM_R_1206
97	0 TP29	open		open	open
98	0 CL5	open			open
99	0 CL2	open			open
100	0 Q1	open		open	open
101	0 D1	open		open	open
102	1 TF1	ON-PLC-1T2-001			EF16
103	0 TP7	open		open	open
104	0 TP19	open		open	open
105	1 R20	10k	C0603CF103		SM_C_0603
106	1 R57		75 C0603CF103		SM_C_1206
107	0 R19	open	open		open
108	1 R18		330 C0603CF103		SM_C_0603
109	1 R65	47R			SM_R_1206
110	0 TP6	open		open	open
111	0 TP26	open		open	open
112	1 C24	100n/25			CAPC1005X55
113	0 U6	open			open
114	1 L6	22u		Farnell 1929699	INDC1250X1250
115	0 CL12	open			open
116	0 Q3	open		open	open
117	1 LED4	L-53SGD			SM_LED_0805
118	1 C19	470p			SM_C_0603
119	1 R72		27 C0603CF103		SM_C_0603
120	1 C25	100n/25			CAPC1005X55
121	1 LED1	L-53SGD			SM_LED_0805
122	1 R10	0R			SM_R_1206
123	1 R42	10k			SM_C_0603
124	1 R15		470 C0603CF103		SM_C_0603
125	0 CL11	open			open
126	0 ISO1	open			open
127	1 FB1	600Z			SM_C_0805
128	1 R39		75 C0603CF103		SM_C_0603
129	1 R35		300 C0603CF103		SM_C_0603
130	1 CL7	CON14			gaatjesprint254m-1x14
131	1 R63	47R			SM_R_1206
132	0 TP21	open		open	open
133	0 TP30	open		open	open
134	1 R67		300 C0603CF103		SM_C_0603
135	1 C5	680u/25			CAP_AL_8X20_3R5MM
136	0 CL1	open			open
137	0 D4	open		open	open

138	1 NTC1	9007563		ZNR_15R5X4R5X18R5X1R6_7R5MMLS
139	1 R44	10k	C0603CF103	SM_C_0603
140	1 R34	300	C0603CF103	SM_C_0603
141	1 R38	10k	C0603CF103	SM_C_0603
142	1 R62	47R		SM_R_1206
143	0 TP3	open	open	open
144	0 CL17	open		open
145	1 C13	1n	C0603CeUnknown	SM_C_0603
146	1 C14	1n	C0603CeUnknown	SM_C_0603
147	1 U4	NUP2114	ON Semi sample	SOT95P280X110-6
148	1 LED3	L-53SGD		SM_LED_0805
149	1 R27	1M5	C0603CF103	SM_C_0603
150	1 R30	300	C0603CF103	SM_C_0603
151	1 ISD7	TCET1103		DIP4_OPT_400MILS
152	1 C11	100n/25	open	CAPC1005X55
153	0 TP13	open	open	open
154	0 TP23	open	open	open
155	1 D6	MM3Z8V2	ON Semi sample	SOD_323_12
156	1 R1	160k		sm_r_1206
157	1 C2	220n/630	B32653A6224J	ECQ_E6474KF
158	0 CON4	open	open	open
159	0 CL18	open		open
160	0 J5	open		open
161	0 R5	open		open
162	1 C6	680u/25		CAP_AL_8X20_3R5MM
163	1 C21	100n/25		CAPC1005X55
164	1 SW1	RST	Farnell 1555987 or equivalent	FSMRA4JH
165	1 R60	47R		SM_R_1206
166	0 TP27	open	open	open
167	0 TP35	open	open	open
168	0 Q4	open		open
169	1 U3	FT230XS		TSSOP65P300X110-16
170	1 J3	CON20AP	Farnell 1099258	HDR254M-2X10-SHROUDED
171	1 CL8	CON14		gaatjesprint254m-1x14
172	1 R61	47R		SM_R_1206
173	0 TP16	open	open	open
174	0 TP25	open	open	open
175	1 R11	43k		SM_C_0603

### Daughter Board

Fitted	Comment	Description	Designator	Footprint	Quantity	Value	Supplier 1
Fitted	Cap Semi	Capacitor (Semiconductor SIM Model)	C1		402	1 100n	
Fitted	51p COG		C2	0603L		1	
Fitted		Capacitor (Semiconductor SIM Model)	C3		402	1 10n COG	
Fitted	470n		C4	0603L		1	
Fitted	3n9 COG		C5	0603L		1	
Fitted	3p COG		C6	0603L		1	
Fitted	Cap Semi	Capacitor (Semiconductor SIM Model)	C7		402	1 100n	
Fitted	3n3 COG		C8	0603L		1	
Fitted	4u7 25V	C 4u7 25V 1206	C9	C1206		1	
Fitted	330p COG	CAP 220p 25V 0603	C10	0603L		1	
Fitted	12103D226KAT2A	CAP, MLCC, X5R, 22UF, 25V, 1210	C11	C1210_M		1 22u/25	Farnell 2281130
Fitted	Cap Semi	Capacitor (Semiconductor SIM Model)	C12		402	1 100n	
Fitted	Cap Semi	Capacitor (Semiconductor SIM Model)	C13		402	1 100n	
Fitted	100n	CAP 100n 25V 0603	C14	0603L		1	
Not Fitted		C 0603	C15	0603L		0	
Fitted	1n COG		C16	0603L		1	
Fitted	100n		C17	0603L		1	
Fitted	12103D226KAT2A	CAP, MLCC, X5R, 22UF, 25V, 1210	C18	C1210_M		1 22u/25	Farnell 2281130
Fitted	4u7 25V	C 4u7 25V 1206	C19	C1206		1	
Fitted	4u7 25V	C 4u7 25V 1206	C20	C1206		1	
Fitted	TR3A336K6R3	C TANT 33U 6V3	C21	TANT_A		1 33u/6V3	
Fitted	Cap Semi	Capacitor (Semiconductor SIM Model)	C22		402	1 100n	
Fitted	Cap Semi	Capacitor (Semiconductor SIM Model)	C23		402	1 100n	
Fitted	TR3A106K6R3	C TANT 10U 6V3	C24	TANT_A		1 10u/6V3	
Fitted	1u	CAP 1u 16V 0603	C25	0603L		1	
Fitted	1n COG		C26	0603L		1	
Fitted	18p	CAP 18p 25V 0603	C27	0603L		1	
Fitted	1n COG		C28	0603L		1	
Fitted	18p	CAP 18p 25V 0603	C29	0603L		1	
Fitted	1u	CAP 1u 16V 0603	C30	0603L		1	
Fitted	150p COG		C32	0603L		1	
Fitted	3n9 COG		C33	0603L		1	
Fitted	820p COG		C34	0603L		1	
Fitted	TR3C226K025	C TANT 22U 25V	C35	TANT_C		1 22u/25V	
Fitted	Cap Semi	Capacitor (Semiconductor SIM Model)	C36		402	1 100n	
Fitted	22u 6V3	C 22u 6V3 0805	C38	C0805		1	
Fitted	MBRA140	DIODE Schottky barrier rectifier 40V 1A	D4	403D		1	
Fitted	MBRA140	DIODE Schottky barrier rectifier 40V 1A	D5	403D		1	

Fitted	MBRA340	DIODE Schottky barrier rectifier 40V 3A	D6	403D	1	
Fitted	MBRA340	DIODE Schottky barrier rectifier 40V 3A 400 Watt Peak Power Zener	D7	403D	1	
Fitted	1SMA12AT3G	DIODE, 400W, 12V, TRANSIENT SUPPRESSOR 400 Watt Peak Power Zener Transient Voltage	D12	403D	1	
Fitted	1SMA12AT3G	DIODE, 400W, 12V, TRANSIENT SUPPRESSOR	D13	403D	1	
Fitted	8520-4500PL	Connector 20WAY 2.54mm	J4	8520-4500JL	1	Farnell 9138641
Fitted	8520-4500PL	Connector 20WAY 2.54mm	J5	8520-4500JL	1	Farnell 9138641
Fitted	Jumper SMD, 10k resistor	Jumper SMD	JP1	SMD_jumper	1	10k
Not Fitted		Inductor 3u3 4A87	L1	MCBFS5220	0	Farnell 1864244
Fitted	600Z	Ferrite Bead 600Z 0.35OHM, 200MA	L2	R0805C	1	600Z
Fitted	600Z	Ferrite Bead 600Z 0.35OHM, 200MA	L3	R0805C	1	600Z
Fitted	600Z	Ferrite Bead 600Z 0.35OHM, 200MA	L4	R0805C	1	600Z
Fitted	IO1	Surface Mount Chip LED, Green	LED1	LED_0603_Green	1	0603, Green
Fitted	TXEN	Surface Mount Chip LED, Yellow	LED2	LED_0603_Yellow	1	0630, Yellow
Fitted	IO0	Surface Mount Chip LED, Green	LED3	LED_0603_Green	1	0603, Green
Fitted	ILIM	Surface Mount Chip LED, Red	LED4	LED_0603_Red	1	0603, Red
Fitted	TSD	Surface Mount Chip LED, Red	LED5	LED_0603_Red	1	0603, Red
Fitted	NTS4001N	Q MOSFET 30 V 270 mA Single N-Channel SC-70	Q1	318-08	1	
Fitted	3k	R 3k 1% 0603	R1	R0603	1	
Fitted	3k	R 3k 1% 0603	R2	R0603	1	
Fitted	300R	R 300R 1% 0603	R3	R0603	1	
Fitted	300R	R 300R 1% 0603	R4	R0603	1	
Fitted	10k	R 10k 0402 1%	R5		1	402
Fitted	10k	R 10k 0402 1%	R6		1	402
Fitted	1M	R 1M 1% 0603	R7	R0603	1	
Fitted	2k2 1%		R8	R0603	1	
Fitted	1k5 1%		R9	R0603	1	
Fitted	13k 1%		R10	R0603	1	
Fitted	3k 1%		R12	R0603	1	
Fitted	1k6 1%		R13	R0603	1	
Fitted	1k 1%		R14	R0603	1	
Fitted	0R22	7R5 1% 1206	R15	R1206	1	
Fitted	5k1 1%		R16	R0603	1	
Fitted	5k1 1%		R17	R0603	1	
Fitted	2k2 1%		R18	R0603	1	
Fitted	10k	R 10k 0402 1%	R19		1	402
Fitted	10k	R 10k 0402 1%	R20		1	402
Fitted	10k	R 10k 0402 1%	R21		1	402
Fitted	10k	R 10k 0402 1%	R22		1	402
Fitted	1k 1%		R23	R0603	1	
Fitted	0R	R 0R 1% 0603	R24	R0603	1	
Fitted	5k1 1%		R25	R0603	1	
Fitted	3k3 1%		R26	R0603	1	
Fitted	300R	R 300R 1% 0603	R29	R0603	1	
Fitted	10k	R 10k 0402 1%	R30		1	402
Fitted	10k	R 10k 0402 1%	R31		1	402
Fitted	10k	R 10k 0402 1%	R32		1	402
Fitted	10k	R 10k 0402 1%	R33		1	402
Fitted	5k6 1%		R34	R0603	1	
Fitted	3k	R 3k 1% 0603	R36	R0603	1	
Fitted	1k6 1%		R38	R0603	1	
Not Fitted		R 10k 0402 1%	R40		0	402
Not Fitted		R 10k 0402 1%	R41		0	402
Not Fitted		R 10k 0402 1%	R42		0	402
Fitted	10k	R 10k 0402 1%	R44		1	402
Not Fitted		Shorting link, 0.4 (10.16 mm)*	R45	D3082	0	10.16 mm
Not Fitted		R 10k 0402 1%	R46		0	402
Fitted	0R	R 0R 1% 0603	R48	R0603	1	
Not Fitted		Resistor, chip 0402 [1005 metric]	R49	R0402	0	
Fitted	100R	R 100R 1% 0603	R100	R0603	1	
Fitted	100R	R 100R 1% 0603	R101	R0603	1	
Fitted	NCN49597	Power Line Carrier Modem	U1	CFN52	1	
Fitted	NCS8651	2 Amp PLC Line Driver	U2	485E-01-M	1	NCS8651
Fitted	LE25U20AQGTGX	2Mbit serial flash	U3	511BY	1	LE25U20AQGTGX
Fitted	MC74VHC1G07	Single Non-Inverting Buffer with Open Drain Output	U5	483-02	1	
Not Fitted		Output rail-to-rail very low noise operational amplifier	U6	SOT23-5	0	
Fitted	TS972	Output rail-to-rail very low noise operational amplifier	U10	TSSOP8	1	
Fitted	MC74VHC1G32	Single 2-Input OR Gate	U11	483-02	1	MC74VHC1G32.SchLib
Fitted	7B-48.000MAAJ-T	TXC - 7B-48.000MAAJ-T - Crystal, 48.000MHZ, 18PF, SMD, 5.0X3.2	X1	TXC5X3.2	1	48 MHz