

NICOM

Rif.	Value	Remarks	Description	Code
C103	2.2MF / 50V		SMD Aluminium Electrolytic Capacitor	
C104	10MF / 35V		SMD Aluminium Electrolytic Capacitor	
C105	0.1MF		SMD Multilayer Ceramic Capacitor	
C106	1000MF / 16V		Aluminium Electrolytic Capacitor	
C107	2.2MF / 50V		SMD Aluminium Electrolytic Capacitor	
C108	2.2MF / 50V		SMD Aluminium Electrolytic Capacitor	
C109	1000MF / 16V		Aluminium Electrolytic Capacitor	
C110	0.1MF		SMD Multilayer Ceramic Capacitor	
C111	10MF / 35V		SMD Aluminium Electrolytic Capacitor	
C112	0.1MF		SMD Multilayer Ceramic Capacitor	
C113	0.1MF		SMD Multilayer Ceramic Capacitor	
C114	10MF / 35V		SMD Aluminium Electrolytic Capacitor	
C115	0.1MF		SMD Multilayer Ceramic Capacitor	
C116	100pF		SMD Multilayer Ceramic Capacitor	
C117	3.3pF		SMD Multilayer Ceramic Capacitor	
C118	2.2MF / 50V		SMD Aluminium Electrolytic Capacitor	
C119	3.3pF		SMD Multilayer Ceramic Capacitor	
C120	100pF		SMD Multilayer Ceramic Capacitor	
C121	47MF / 16V		SMD Aluminium Electrolytic Capacitor	
C122	100pF		SMD Multilayer Ceramic Capacitor	
C123	22pF		SMD Multilayer Ceramic Capacitor	
C124	10MF / 35V		SMD Multilayer Ceramic Capacitor	
C125	22MF / 16V		SMD Aluminium Electrolytic Capacitor	
C126	0.1MF		SMD Multilayer Ceramic Capacitor	
C127	0.1MF		SMD Multilayer Ceramic Capacitor	
C128	22MF / 16V		SMD Aluminium Electrolytic Capacitor	
C129	1nF		SMD Multilayer Ceramic Capacitor	
C130	2.2MF / 50V		SMD Aluminium Electrolytic Capacitor	
C131	100MF / 35V		Aluminium Electrolytic Capacitor	
C132	22MF / 16V		SMD Aluminium Electrolytic Capacitor	
C133	0.1MF		SMD Multilayer Ceramic Capacitor	
C134	470MF / 16V		Aluminium Electrolytic Capacitor	
C135	220MF / 25V		Aluminium Electrolytic Capacitor	
C136	47MF / 16V		SMD Aluminium Electrolytic Capacitor	
C137	0.47MF / 50V		SMD Aluminium Electrolytic Capacitor	
C138	1nF		SMD Multilayer Ceramic Capacitor	
C139	22MF / 16V		SMD Aluminium Electrolytic Capacitor	
C140	2.2MF / 50V		SMD Aluminium Electrolytic Capacitor	
C141	0.1MF		SMD Multilayer Ceramic Capacitor	
C142	10MF / 35V		SMD Aluminium Electrolytic Capacitor	
C143	0.1MF		SMD Multilayer Ceramic Capacitor	
C144	10MF / 35V		SMD Aluminium Electrolytic Capacitor	
C145	1nF		SMD Multilayer Ceramic Capacitor	
C146	0.1MF		SMD Multilayer Ceramic Capacitor	
C147	4.7nF		SMD Multilayer Ceramic Capacitor	
C148	33pF		SMD Multilayer Ceramic Capacitor	
C149	NC			
C150	10pF		SMD Multilayer Ceramic Capacitor	
C151	1nF		SMD Multilayer Ceramic Capacitor	
C152	220pF		SMD Multilayer Ceramic Capacitor	
C153	0.1MF		SMD Multilayer Ceramic Capacitor	
C154	39pF		SMD Multilayer Ceramic Capacitor	
C155	NC			

NICOM

Rif.	Value	Remarks	Description	Code
C156	NC			
C157	22pF		SMD Multilayer Ceramic Capacitor	
C158	22pF		SMD Multilayer Ceramic Capacitor	
C159	0.1MF		SMD Multilayer Ceramic Capacitor	
C160	1nF		SMD Multilayer Ceramic Capacitor	
L1	22uH		SMD Inductor	
L2	22uH		SMD Inductor	
L3	22uH		SMD Inductor	
L4	22uH		SMD Inductor	
L5	22uH		SMD Inductor	
L6	22uH		SMD Inductor	
L7	22uH		SMD Inductor	
L8	22uH		SMD Inductor	
L9	22uH		SMD Inductor	
L10	22uH		SMD Inductor	
L11	22uH		SMD Inductor	
L12			N.C.	
L13	22uH		Suppression Choke	
L14	150uH		Toroidal Inductor	
L15	22uH		Suppression Choke	
L16	2.2uH		SMD Inductor	
L17	22uH		SMD Inductor	
L18	8T/0.6D		Enamelled Copper Wire	
L19	22uH		SMD Inductor	
L20	18T/0.4D		Enamelled Copper Wire	
L21	3T/0.6D		Tinned Copper Wire	
L22	3T/0.6D		Tinned Copper Wire	
L23	2T/0.6D		Enamelled Copper Wire	
L24	3T/0.6D		Tinned Copper Wire	
R1	1K	1/4W	SMD Thick Film Resistor	
R2	2K2	1/4W	SMD Thick Film Resistor	
R3	10K	1/4W	SMD Cermet Skeleton Trimmer Resistor	
R4	10K	1/4W	SMD Thick Film Resistor	
R5	27K	1/4W	SMD Thick Film Resistor	
R6	47K	1/4W	SMD Thick Film Resistor	
R7	12K	1/4W	SMD Thick Film Resistor	
R8	47K	1/4W	SMD Thick Film Resistor	
R9	5K	1/4W	SMD Thick Film Resistor	
R10	27K	1/4W	SMD Thick Film Resistor	
R11	47K	1/4W	SMD Thick Film Resistor	
R12	1K	1/4W	Multi Turn Cermet Trimmer Resistor Panel Mount	
R13	10K	1/4W	SMD Thick Film Resistor	
R14	12K	1/4W	SMD Thick Film Resistor	
R15	1K2	1/4W	SMD Thick Film Resistor	
R16	200	1/4W	SMD Cermet Skeleton Trimmer Resistor	
R17	3K9	1/4W	SMD Thick Film Resistor	
R18	1K2	1/4W	SMD Thick Film Resistor	
R19	3K9	1/4W	SMD Thick Film Resistor	
R20	1K	1/4W	Multi Turn Cermet Trimmer Resistor Panel Mount	
R21	12K	1/4W	SMD Thick Film Resistor	
R22	1K	1/4W	Multi Turn Cermet Trimmer Resistor Panel Mount	

NICOM

Rif.	Value	Remarks	Description	Code
R23	12K	1/4W	SMD Thick Film Resistor	
R24	33	1/4W	SMD Thick Film Resistor	
R25	220K	1/4W	SMD Thick Film Resistor	
R26	100K	1/4W	SMD Thick Film Resistor	
R27	1K	1/4W	Multi Turn Cermet Trimmer Resistor Panel Mount	
R28	4K7	1/4W	SMD Thick Film Resistor	
R29	10K	1/4W	SMD Thick Film Resistor	
R30	560K	1/4W	SMD Thick Film Resistor	
R31	100K	1/4W	SMD Thick Film Resistor	
R32	100K	1/4W	SMD Thick Film Resistor	
R33	33	1/4W	SMD Thick Film Resistor	
R34	NC	1/4W	SMD Thick Film Resistor	
R35	560K	1/4W	SMD Thick Film Resistor	
R36	10K	1/4W	SMD Thick Film Resistor	
R37	4K7	1/4W	SMD Thick Film Resistor	
R38	100	1/4W	SMD Thick Film Resistor	
R39	10K	1/4W	SMD Thick Film Resistor	
R40	1K2	1/4W	SMD Thick Film Resistor	
R41	1K2	1/4W	SMD Thick Film Resistor	
R42	10K	1/4W	SMD Thick Film Resistor	
R43	10K	1/4W	SMD Thick Film Resistor	
R44	10K	1/4W	SMD Thick Film Resistor	
R45	3K9	1/4W	SMD Thick Film Resistor	
R46	3K9	1/4W	SMD Thick Film Resistor	
R47	4K7	1/4W	SMD Thick Film Resistor	
R48	10K	1/4W	SMD Thick Film Resistor	
R49	2K2	1/4W	SMD Thick Film Resistor	
R50	10K	1/4W	Multi Turn Cermet Trimmer Resistor Panel Mount	
R51	4K7	1/4W	SMD Thick Film Resistor	
R52	10K	1/4W	Multi Turn Cermet Trimmer Resistor	
R53	10K	1/4W	SMD Thick Film Resistor	
R54	1K	1/4W	SMD Thick Film Resistor	
R55	10K	1/4W	SMD Thick Film Resistor	
R56	10K	1/4W	SMD Thick Film Resistor	
R57	10K	1/4W	SMD Thick Film Resistor	
R58	10K	1/4W	SMD Thick Film Resistor	
R59	NC			
R60	NC			
R61	NC			
R62	10K	1/4W	SMD Thick Film Resistor	
R63	1K5	1/4W	SMD Thick Film Resistor	
R64	10K	1/4W	SMD Cermet Skeleton Trimmer Resistor	
R65	1K2	1/4W	SMD Thick Film Resistor	
R66	6k8	1/4W	SMD Thick Film Resistor	
R67	6k8	1/4W	SMD Thick Film Resistor	
R68	6k8	1/4W	SMD Thick Film Resistor	
R69	6k8	1/4W	SMD Thick Film Resistor	
R70	6k8	1/4W	SMD Thick Film Resistor	
R71	6k8	1/4W	SMD Thick Film Resistor	
R72	6k8	1/4W	SMD Thick Film Resistor	
R73	1K2	1/4W	SMD Thick Film Resistor	
R74	390	1/4W	SMD Thick Film Resistor	
R75	33	1/4W	SMD Thick Film Resistor	

NICOM

Rif.	Value	Remarks	Description	Code
R76	33	1/4W	SMD Thick Film Resistor	
R77	390	1/4W	SMD Thick Film Resistor	
R78	33	1/4W	SMD Thick Film Resistor	
R79	33	1/4W	SMD Thick Film Resistor	
R80	1K2	1/4W	SMD Thick Film Resistor	
R81	47K	1/4W	SMD Thick Film Resistor	
R82	47K	1/4W	SMD Thick Film Resistor	
R83	100K	1/4W	SMD Thick Film Resistor	
R84	47K	1/4W	SMD Thick Film Resistor	
R85	47K	1/4W	SMD Thick Film Resistor	
R86	47K	1/4W	SMD Thick Film Resistor	
R87	2K2	1/4W	SMD Thick Film Resistor	
R88	150	1/4W	SMD Thick Film Resistor	
R89	150	1/4W	SMD Thick Film Resistor	
R90	33	1/4W	SMD Thick Film Resistor	
R91	10	1/4W	SMD Thick Film Resistor	
R92	4K7	1/4W	SMD Thick Film Resistor	
R93	47K	1/4W	SMD Thick Film Resistor	
R94	47K	1/4W	SMD Thick Film Resistor	
R95	47K	1/4W	SMD Thick Film Resistor	
R96	12K	1/4W	SMD Thick Film Resistor	
R97	47K	1/4W	SMD Thick Film Resistor	
R98	560	1/4W	SMD Thick Film Resistor	
R99	100	1/4W	SMD Thick Film Resistor	
R100	27K	1/4W	SMD Thick Film Resistor	
R101	3K3	1/4W	SMD Thick Film Resistor	
R102	100K	1/4W	SMD Thick Film Resistor	
R103	5K	1/4W	SMD Cermet Skeleton Trimmer Resistor	
R104	12K	1/4W	SMD Thick Film Resistor	
R105	10K	1/4W	SMD Thick Film Resistor	
R106	1K2	1/4W	SMD Thick Film Resistor	
R107	50K	1/4W	SMD Thick Film Resistor	
R108	100	1/4W	SMD Thick Film Resistor	
R109	10K	1/4W	SMD Thick Film Resistor	
R110	12K	1/4W	SMD Thick Film Resistor	
R111	10K	1/4W	SMD Thick Film Resistor	
R112	12K	1/4W	SMD Thick Film Resistor	
R113	10K	1/4W	SMD Thick Film Resistor	
R114	8K2	1/4W	SMD Thick Film Resistor	
R115	50K	1/4W	SMD Thick Film Resistor	
R116	100	1/4W	SMD Thick Film Resistor	
R117	12K	1/4W	SMD Thick Film Resistor	
R118	10K	1/4W	SMD Thick Film Resistor	
R119	10K	1/4W	SMD Thick Film Resistor	
R120	22	1/4W	SMD Thick Film Resistor	
R121	47	1/4W	SMD Thick Film Resistor	
R122	22	1/4W	SMD Thick Film Resistor	
R123	47	1/4W	SMD Thick Film Resistor	
R124	82	1/4W	SMD Thick Film Resistor	
R125	82	1/4W	SMD Thick Film Resistor	
R126	680	1/4W	SMD Thick Film Resistor	
R127	680	1/4W	SMD Thick Film Resistor	
R128	330	1/4W	SMD Thick Film Resistor	

NICOM

Rif.	Value	Remarks	Description	Code
R129	10	1/4W	SMD Thick Film Resistor	
R130	470	1/4W	SMD Thick Film Resistor	
R131	6K8	1/4W	SMD Thick Film Resistor	
R132	47K	1/4W	SMD Thick Film Resistor	
R133	470K	1/4W	SMD Thick Film Resistor	
R134	180	1/4W	SMD Thick Film Resistor	
R135	56K	1/4W	SMD Thick Film Resistor	
R136	10K	1/4W	SMD Thick Film Resistor	
R137	100	1/4W	SMD Thick Film Resistor	
R138	18K	1/4W	SMD Thick Film Resistor	
R139	330	1/4W	SMD Thick Film Resistor	
R140	4K7	1/4W	SMD Thick Film Resistor	
R141	10K	1/4W	SMD Thick Film Resistor	
R142	100	1/4W	SMD Thick Film Resistor	
R143	560	1/4W	SMD Thick Film Resistor	
R144	1K	1/4W	SMD Thick Film Resistor	
R145	120K	1/4W	SMD Thick Film Resistor	
R146	3K9	1/4W	SMD Thick Film Resistor	
R147	3K9	1/4W	SMD Thick Film Resistor	
R148	2K2	1/4W	SMD Thick Film Resistor	
R149	100	1/4W	SMD Thick Film Resistor	
R150	47K	1/4W	SMD Thick Film Resistor	
R151	47K	1/4W	SMD Thick Film Resistor	
R152	47K	1/4W	SMD Thick Film Resistor	
R153	47K	1/4W	SMD Thick Film Resistor	
R154	47K	1/4W	SMD Thick Film Resistor	
R155	470	1/4W	SMD Thick Film Resistor	
R156	47K	1/4W	SMD Thick Film Resistor	
R157	470	1/4W	SMD Thick Film Resistor	
R158	100K	1/4W	SMD Thick Film Resistor	
R159	560	1/4W	SMD Thick Film Resistor	
R160	220K	1/4W	SMD Thick Film Resistor	
R161	1K	1/4W	SMD Thick Film Resistor	
R162	22K	1/4W	SMD Thick Film Resistor	
R163	10	1/4W	SMD Thick Film Resistor	
R164	10	1/4W	SMD Thick Film Resistor	
R165	10K	1/4W	SMD Cermet Skeleton Trimmer Resistor	
R166	18K	1/4W	SMD Thick Film Resistor	
R167	470	1/4W	SMD Thick Film Resistor	
R168	390	1/4W	SMD Thick Film Resistor	
R169	12	1/4W	SMD Thick Film Resistor	
R170	330	1/4W	SMD Thick Film Resistor	
R171	330	1/4W	SMD Thick Film Resistor	
R172	10	1/4W	SMD Thick Film Resistor	
R173	39	1/4W	SMD Thick Film Resistor	
R174	10	1/4W	SMD Thick Film Resistor	
R175	470	1/4W	SMD Thick Film Resistor	
R176	12	1/4W	SMD Thick Film Resistor	
R177	12K	1/4W	SMD Thick Film Resistor	
R178	56	1/4W	SMD Thick Film Resistor	
R179	20K	1/4W	SMD Cermet Skeleton Trimmer Resistor	
R180	5K	1/4W	Multi Turn Cermet Trimmer Resistor	
R181	1K	1/4W	SMD Thick Film Resistor	

NICOM

Rif.	Value	Remarks	Description	Code
R182	470K	1/4W	SMD Thick Film Resistor	
R183	4K7	1/4W	SMD Thick Film Resistor	
R184	4K7	1/4W	SMD Thick Film Resistor	
D1	LL4148		SMD Low Power Signal Diode	
D2	LL4148		SMD Low Power Signal Diode	
D3	BAT43		Diode Schottky	
D4	BAT43		Diode Schottky	
D5	LL4148		SMD Low Power Signal Diode	
D6	3V3		SMD Diode Zener	
D7	LL4148		SMD Low Power Signal Diode	
D8	LL4148		SMD Low Power Signal Diode	
D9	LL4148		SMD Low Power Signal Diode	
D10	LED	YELLOW	SMD Light Emitting Diode	
D11	LED	YELLOW	SMD Light Emitting Diode	
D12			N.C.	
D13	MBRS340		SMD Diode Schottky	
D14	LED	YELLOW	SMD Light Emitting Diode	
D15	LED	YELLOW	SMD Light Emitting Diode	
D16	5V1		SMD Diode Zener	
D17	LL4148		SMD Low Power Signal Diode	
D18	LL4148		SMD Low Power Signal Diode	
D19	15V		SMD Diode Zener	
D20	MV209		Tuning Diode	
D21	MV209		Tuning Diode	
D22	MV209		Tuning Diode	
D23	MV209		Tuning Diode	
D24	MV209		Tuning Diode	
D25	MV209		Tuning Diode	
D26	MV209		Tuning Diode	
D27	MV209		Tuning Diode	
D28	LL4148		SMD Low Power Signal Diode	
D29	LED	GREEN	SMD Light Emitting Diode	
D30	LL4148		SMD Low Power Signal Diode	
D31	5V1		SMD Diode Zener	
D32	LL4148		SMD Low Power Signal Diode	
D33	LL4148		SMD Low Power Signal Diode	
D34	LL4148		SMD Low Power Signal Diode	
Q1	BC327		Low Power Bipolar Transistor	
Q2	BC327		Low Power Bipolar Transistor	
Q3	BC337		Low Power Bipolar Transistor	
Q4	BC327		Low Power Bipolar Transistor	
Q5	BC337		Low Power Bipolar Transistor	
Q6	TIP41		Medium Power Bipolar Transistor	
Q7	BC337		Low Power Bipolar Transistor	
Q8	J310		JFET	
Q9	J310		JFET	
Q10	BC327		Low Power Bipolar Transistor	
Q11	BC327		Low Power Bipolar Transistor	
Q12	PD55003		LDMOS	
Q13	BFR96		RF Bipolar Transistor	

[illegible]

NICOM

Part List Schematic : MIFP01

[illegible]

NICOM

Part List Schematic : RFAMP150W

Rif.	Value	Remarks	Description	Code
C1	1nF		Ceramic Lead Through Capacitor	
C2	1nF		Ceramic Lead Through Capacitor	
C3	1nF		Ceramic Lead Through Capacitor	
C4	10nF		Ceramic Disc Capacitor	
C5	100nF		Ceramic Disc Capacitor	
C6	100MF	63V	Aluminium Electrolytic Capacitor	
C7	10MF	100V	Aluminium Electrolytic Capacitor	
C8	10MF	100V	Aluminium Electrolytic Capacitor	
C9	1nF		Ceramic Disc Capacitor NPO	
C10	100pF		Ceramic Disc Capacitor NPO	
C11	100nF		SMD Multilayer Ceramic Capacitor	
C12	10nF		SMD Multilayer Ceramic Capacitor	
C13	4.7MF	63V	Aluminium Electrolytic Capacitor	
C14	10nF		SMD Multilayer Ceramic Capacitor	
C15	100nF		SMD Multilayer Ceramic Capacitor	
C16	10nF		SMD Multilayer Ceramic Capacitor	
C17	10nF		SMD Multilayer Ceramic Capacitor	
C18	470pF		Ceramic ATC Capacitor	
C19	470pF		Ceramic ATC Capacitor	
C20	100pF		Ceramic Disc Capacitor NPO	
C21	4.7nF		Ceramic Disc Capacitor NPO	
C22	10pF		Ceramic Disc Capacitor NPO	
C23	470pF		Ceramic ATC Capacitor	
C24	2.2nF		SMD Multilayer Ceramic Capacitor	
C25	33pF		SMD Multilayer Ceramic Capacitor	
C26	4.7nF		Ceramic Disc Capacitor NPO	
C27	4.7nF		Ceramic Disc Capacitor NPO	
C28	470pF		Ceramic ATC Capacitor	
C29	470pF		Ceramic ATC Capacitor	
C30	10nF		SMD Multilayer Ceramic Capacitor	
C31	10pF		Ceramic Disc Capacitor NPO	
C32	10pF		Ceramic Disc Capacitor NPO	
C33	22pF		Ceramic Disc Capacitor NPO	
C34	10pF		Ceramic Disc Capacitor NPO	
C35	22pF		Ceramic Disc Capacitor NPO	
C36	10pF		Ceramic ATC Capacitor	
C37	39pF		Ceramic ATC Capacitor	
C38	27pF		Ceramic ATC Capacitor	
C39	27pF		Ceramic ATC Capacitor	
C40	27pF		Ceramic ATC Capacitor	
C41	27pF		Ceramic ATC Capacitor	
C42	27pF		Ceramic ATC Capacitor	
C43	6.8pF		Ceramic Disc Capacitor NPO	
C44	6.8pF		Ceramic Disc Capacitor NPO	
C45	1.8pF		Ceramic Disc Capacitor NPO	
C46	1.8pF		Ceramic Disc Capacitor NPO	
C47	22pF		Ceramic Disc Capacitor NPO	
C48	10nF		Ceramic Disc Capacitor NPO	
C49	1nF		Ceramic Disc Capacitor NPO	

NICOM

Rif.	Value	Remarks	Description	Code
C50	1nF		Ceramic Disc Capacitor NPO	
C51	10nF		Ceramic Disc Capacitor NPO	
C52	22pF		Ceramic Disc Capacitor NPO	
L1	0.5T / 1.5D		Tinned Copper Wire	
L2	4.7uH		Suppression Choke	
L3	RF-CHOKE		Suppression Choke	
L4	4.7uH		Suppression Choke	
L5	3T / 1D		Tinned Copper Wire	
L6	0.5T / 1.5D		Tinned Copper Wire	
L7	2T/1.5mm		Tinned Copper Wire	
L8	4T/1.5mm		Tinned Copper Wire	
L9	4T/1.5mm		Tinned Copper Wire	
L10	4T/1.5mm		Tinned Copper Wire	
L11	4.7uH		Suppression Choke	
TR1			RF Transformer	
TR2			RF Transformer	
TR3			RF Transformer	
TR4			RF Transformer	
TR5			RF Transformer	
TR6			RF Transformer	
COAX1			Coaxial Cable - RG303	
CT1			Toroidal Transformer	
R1	3K3	3W	Metal Film Power Resistor	
R2	10K	1/4W	SMD Thick Film Resistor	
R3	2K2	1/4W	SMD Thick Film Resistor	
R4	10K	1/4W	SMD Thick Film Resistor	
R5	100	1/4W	SMD Thick Film Resistor	
R6	6K8	1/4W	SMD Thick Film Resistor	
R7	100K	1/4W	SMD Thick Film Resistor	
R8	10	1/4W	SMD Thick Film Resistor	
R9	10	1/4W	SMD Thick Film Resistor	
R10	10	1W	SMD Thick Film Resistor	
R11	10	1/4W	SMD Thick Film Resistor	
R12	10	1/4W	SMD Thick Film Resistor	
R13	1K	1/4W	SMD Thick Film Resistor	
R14	150	3W	Metal Film Power Resistor	
R15	150	3W	Metal Film Power Resistor	
R16	15K	1/4W	Carbon Film Resistor	
R17	1K2	1/4W	SMD Thick Film Resistor	
R18	1K2	1/4W	SMD Thick Film Resistor	
R19	6K8	1/4W	Carbon Film Resistor	
D1	LM335		Special Function Diode	
D2	5V1		Diode Zener	
D3	1N4148		Low Power Signal Diode	
D4	1N4148		Low Power Signal Diode	
D5	BAT43		Diode Schottky	
D6	BAT43		Diode Schottky	

[illegible]