

Component List and Illustrations

Section 6

ANALOGUE TO DIGITAL CONVERTOR

Ref	Value	Description	Tol %±	Part No.	Ref	Value	Description	Tol %±	Part No.
RESISTORS					RESISTORS (Contd.)				
R101	10	CF		21793	R162	5k6	CF		21806
R102	390	CF		28722	R163		A.O.T.		
R103	10	CF		21793					
R104	1k2	CF		21800	R170	470	CF		21797
R105	820	CF		28724	R171	1k	CF		21799
R106	1k	CP		35875	R172	1k	CF		21799
R107	47	MO		26748	R173	1k	CF		21799
R110	696R5	MF	.25	35874	R181	2k2	CF		21802
R111	330	CF		28721	R182				
R112					R183	2k2	CF		21802
R113	12k	CF		21810	R184	1k	CF		21799
R114	470	CP		35876	R185	1k5	CF		21801
R115	6k8	MF		35873	R186	220	CF		21796
R116	1k2	CF		21800					
R120	12k	CF		21810	R201	47	CF		28714
R121	1k2	CF		21800	R202	3k9	CF		21804
R122	1k	CP		35875	R203	1k2	CF		21800
R123	13k5	MF		35872	R204	3k9	CF		21804
R124	220	CP		35877	R205	2k7	CF		28726
R125	1k	MF		36032	R206	4k7	CF		21805
R126	330	CF		28721	R207	100	CF		21794
R127	12k	CF		21810	R208	220	CF		35881
R128	6k96	MF		35867	R209	2k7	CF		28726
R129	47	CF		28714	R210	560	CF		18547
R130	1k2	CF		21800	R211	2k2	CF		21802
R131	12k	CF		21810	R212	1k	CF		21799
R132					R213	47	CF		28714
R133	13k9	MF		35868	R214	22	CF		28710
R134	1k2	CF		21800	R214	22	CF		28710
R135	12k	CF		21810	R215	22	CF		28710
R136					R216	22	CF		28710
R137	27k8	MF		35871	R217	4k7	CF		35879
R138	1k2	CF		21800	R218	6k8	CF		21807
R139	8k9	MF		35869	R219	5k6	CF		21806
R140	5k6	CF		21806	R220	3k9	CF		21804
R141	5k6	CF		21806	R221	470	CF		18546
R142	5k6	CF		21806	R222	1k2	CF		21802
R143	47	CF		28714	R223	3k9	CF		21804
R144	47	CF		28714	R224	10k	CF		21809
R145	47	CF		28714	R225	3k9	CF		21804
R146	10	MF		27314	R226	1k	CF		21799
R147	10	MF		27314	R227	47	CF		28714
R148	10	MF		27314	R228	22	CF		28710
R149	10	MF		27314	R229	470	CF		21797
R150	10	MF		27314	R230	22	CF		28710
R151	10	MF		27314	R231	470	CF		21797
R152	10	MF		27314	R232	680	CF		28723
R156	47	CF		28714	R233	100	CF		21794
R157	47	CF		28714	R234	1k	CF		21799
R158	47	CF		28714	R235	2k2	CF		21802
R159	47	CF		28714	R236	100	CF		21794
R160	5k6	CF		21806	R237	68	CF		28716
R161	5k6	CF		21806	R239	47	CF		28714
					R240	1k	CF		21799
					R241	1k8	CF		28725

Component List and Illustrations

Section 6

ANALOGUE TO DIGITAL CONVERTOR (Contd.)

Ref	Value	Description	Tol %±	Part No.	Ref	Value	Description	Tol %±	Part No.
RESISTORS (Contd.)					CAPACITORS				
R242	4k7	CF		21805	C201	.01μF	CE(2)	250V	22395
R243	22	CF		28710	C202	22μF	E	25V	32181
R244	680	CF		28723	C203	.01μF	CE(2)	250V	22395
R245	22	CF		28710	C204	.1μF	CE(1)	30V	19647
R246	330	CF		28721	C205	.1μF	CE(1)	30V	19647
R247	22	CF		28710	C206	12pF	CE(2)	A.O.T. 500V	22365
R248	47	CF		28714	C207	5.6pF	CE(2)	500V	22361
R249	1k	MF		36032	C208	.1μF	CE(1)	30V	19647
R250	1k	CF		21799	C209	22μF	E	25V	32181
R251	22	CF		28710	C210	150pF	CE(2)	500V	22378
R252	270	CF		28720	C211	5.6pF	CE(2)	500V	22361
R253	330	CF		28721	C212	27pF	CE(2)	500V	22369
R254	22	CF		28710	C213	10pF	CE(2)	500V	22364
R255	47	CF		28714	C214	18pF	CE(2)	500V	22367
R256	250	MF		35870	C215	.1μF	CE(1)	30V	19647
R257	1k	CF		21799	C216	12pF	CE(2)	500V	22365
R258	680	CF		28723	C217				
R259	22	CF		28710	C218	.1μF	CE(1)	30V	19647
R260	1k8	CF		28725	C219	.1μF	CE(1)	30V	19647
R261	4k7	CF		21805	C220	.1μF	CE(1)	30V	19647
R262	22	CF		28710	C221	5.6pF	CE(2)	500V	22361
R263	27	CF		28711	C222	10pF	CE(2)	500V	22364
R264	680	CF		18548	C223	39pF	CE(2)	500V	22371
R265	1k	CF		21799	C224	33pF	CE(2)	500V	22370
R266	50	MF	.25	35866	C225	.1μF	CE(1)	30V	19647
R267	50	MF	.25	35866	C226	.1μF	CE(1)	30V	19647
R268	50	MF	.25	35866	C227	5.6pF	CE(2)	500V	22361
R269	47	CF		28714	C228	39pF	CE(2)	500V	22371
R270	47	CF		28714	C229	390pF	CE(2)	500V	22382
R271	47	CF		28714	C230	150pF	CE(2)	500V	22378
R272	68	CF		28716	C231	150pF	CE(2)	500V	22378
R273	2k2	CF		21802	C232				
R274	27	CF		28711	C233	22pF	CE(2)	500V	22368
R275	5k6	CF		21806	C234	.01μF	CE(2)	250V	22395
R276	5k6	CF		21806	C235	.1μF	CE(1)	30V	19647
R277	5k6	CF		21806	C236				
R278	10	MF		27314	C237				
R279	10	MF		27314	C238	.01μF	CE(2)	250V	22395
R280	10	MF		27314	C239				
R281	10	MF		27314	C240	22μF	E	25V	32181
R282	10	MF		27314	C241	4.7μF	E	63V	32195
R283	10	MF		27314	C242	.01μF	CE(2)	250V	22395
R284	10	MF		27314	C243	.01μF	CE(2)	250V	22395
R285	47	CF		28714	C244	.01μF	CE(2)	250V	22395
R286	47	CF		28714	C245	.1μF	CE(1)	30V	19647
R287	47	CF		28714	C246	.1μF	CE(1)	30V	19647
R288	47	CF		28714	C247	1000pF	CE(2)	500V	22387
R289			A.O.T.		C248	330pF	CE(2)	500V	22381
R290	100	CF		21794	C249	.01μF	CE(2)	250V	22395
R291	100	CF		21794	C250	22pF	CE(2)	500V	22368
R292	2k7	CF		28726	C260	.1μF	CE(1)	30V	19647
R293	47	CF		28714	C261	22μF	E	25V	32181
R294	47	CF		28714	C262	.1μF	CE(1)	30V	19647
R295	47	CF		28714	C263	.01μF	CE(2)	250V	22395
R296					C264	.01μF	CE(2)	250V	22395
R297					C265	.1μF	CE(1)	30V	19647

Component List and Illustrations

Section 6

ANALOGUE TO DIGITAL CONVERTOR (Contd.)

Ref	Value	Description	Tol %±	Part No.
CAPACITORS (Contd.)				
C266	.1μF	CE(1)	30V	19647
C267	.1μF	CE(1)	30V	19647
C268	.1μF	CE(1)	30V	19647
C269				
C270	.047μF	CE(2)	12V	19657
C271	.047μF	CE(2)	12V	19657
C272	.047μF	CE(2)	12V	19657
C273	.047μF	CE(2)	12V	19657
C274	.047μF	CE(2)	12V	19657
C275	22μF	E	25V	32181
C276	120pF	CE(2)	500V	22377

INTEGRATED CIRCUITS

IC101	723			31228
IC102	CA3046			36632
IC111	TY38111			36928
IC112	TY38111			36928
IC113	TY38111			36928
IC114	TY38111			36928
IC115	TY38111			36928
IC116	TY38111			36928
IC117	TY38111			36928
IC118	TY38111			36928
IC119	TY38111			36928
IC120	7475			31834
IC121	7400			52038
IC122	7400			52038
IC123	74S74			36005
IC124	74S74			36005
IC125	7420			52039
IC126	7408			53688
IC127	7403			31879
IC128	7404			31836
IC129	7400			52038
IC130	74S74			36005
IC131	74S74			36005
IC132	7400			52038

TRANSISTORS

TR132	2N3906			21533
TR133	BC107			26790
TR134	2N2369			23307
TR135	2N2369			23307
TR136	2N3906			21533
TR137	2N2369			23307
TR138	2N2369			23307
TR139	2N3906			21533
TR140	BC107			26790
TR141	2N3906			21533
TR142	2N2369			23307
TR143	2N2369			23307
TR144	2N3906			21533
TR145	2N2369			23307
TR146	2N2369			23307
TR147	2N3906			21533
TR148	2N2369			23307
TR149	2N2369			23307

TRANSISTORS (Contd.)

TR150	2N3906			21533
TR151	2N3906			21533
TR201	2N2369			23307
TR202	2N2369			23307
TR203	2N2369			23307
TR204	2N2369			23307
TR205	2N2369			23307
TR206	2N2369			23307
TR207	2N2369			23307
TR208	E111			26028
TR209	2N2369			23307
TR210	2N2369			23307
TR211	E111			36028
TR212	2N2369			23307
TR213	AE23	Matched Pair		A32957
TR214				
TR215	2N3906			21533
TR219	2N3640			31781
TR220				
TR221	BFY 90			26987
TR222				
TR223	BFY 90			26987
TR224	2N3640			31781
TR225	2N2369			23307
TR226	2N2369			23307
TR227	2N2369			23307
TR231	BC182B			33205
TR232	BFY 51			29329

DIODES

D101	IN4148			23802
D102	IN4148			23802
D103	IN4148			23802
D104	IN4148			23802
D105	IN4148			23802
D201	IN4148			23802
D202	ZENER	5V1		33928
D203	ZENER	5V1		33928
D204	ZENER	6V2		33930
D205	IN4148			23802
D206	IN4148			23802
D207	IN4148			23802
D208	ZENER	12V		33937
D209				
D210	IN4148			23802
D211	ZENER	6V2		33930
D212	IN4148			23802
D213	IN4148			23802
D214				
D215	IN4148			23802
D216	IN4148			23802

LAMPS

L201	10μH			35355
------	------	--	--	-------