

Name	Comment	Pattern
R37	4.7R	AXIAL0.4
R45	43R	AXIAL0.4
R39	100R	AXIAL0.4
R35	275R	AXIAL0.4
C14	0.1uF	DCAP
C15	0.1uF	DCAP
C16	0.1uF	DCAP
C17	0.1uF	DCAP
C18	0.1uF	DCAP
C19	0.1uF	DCAP
C20	0.1uF	DCAP
C21	0.1uF	DCAP
C22	0.1uF	DCAP
C23	0.1uF	DCAP
C24	0.1uF	DCAP
C25	0.1uF	DCAP
C26	0.1uF	DCAP
C27	0.1uF	DCAP
C33	0.1uF	DCAP
C34	0.1uF	DCAP
C35	0.1uF	DCAP
C36	0.1uF	DCAP
C37	0.1uF	DCAP
C38	0.1uF	DCAP
C39	0.1uF	DCAP
C40	0.1uF	DCAP
C41	0.1uF	DCAP
C32	1.5uF/t	RB.2
R47	100k	AXIAL0.4
C12	100uF	RB.2/.4
C13	100uF	RB.2/.4
L1	100uH	ROUND.16/.26
L2	100uH	ROUND.16/.26
L3	100uH	ROUND.16/.26
L4	100uH	ROUND.16/.26
R14	10k	AXIAL0.4
R17	10k	AXIAL0.4
R18	10k	AXIAL0.4
R19	10k	AXIAL0.4
R20	10k	AXIAL0.4
R21	10k	AXIAL0.4
R22	10k	AXIAL0.4
R23	10k	AXIAL0.4
R24	10k	AXIAL0.4
R25	10k	AXIAL0.4
R26	10k	AXIAL0.4
R27	10k	AXIAL0.4
R28	10k	AXIAL0.4
R29	10k	AXIAL0.4
R30	10k	AXIAL0.4
R32	10k	AXIAL0.4
R48	10k	AXIAL0.4
R49	10K	AXIAL0.4
RV2	10k	VR6
RV3	10k	VR5

R50	10k*	AXIAL0.4
C1	10n	RAD0.1
C5	10nF	RAD0.1
C31	10uF	RB.2
R41	13k	AXIAL0.4
R1	1k	AXIAL0.4
R10	1k	AXIAL0.4
R2	1k	AXIAL0.4
R3	1k	AXIAL0.4
R4	1k	AXIAL0.4
R46	1k	AXIAL0.4
R5	1k	AXIAL0.4
R6	1k	AXIAL0.4
R7	1k	AXIAL0.4
R8	1k	AXIAL0.4
R9	1k	AXIAL0.4
R12	1k5	AXIAL0.4
R13	1k5	AXIAL0.4
R62	1k5	AXIAL0.4
R63	1k5	AXIAL0.4
R52	1M	AXIAL0.4
R53	1M	AXIAL0.4
D1	1N4148	DIODE0.4
D2	1N4148	DIODE0.4
D3	1N4148	DIODE0.4
D4	1N4148	DIODE0.4
D5	1N4148	DIODE0.4
D6	1N4148	DIODE0.4
D7	1N5711	DIODE0.4
C6	1uF	RB.2
C7	1uF	RB.2
C8	1uF/cer	DCAP
C9	1uF/cer	DCAP
C4	2.7p	RAD0.2
R59	20k	AXIAL0.4
C10	22uF/t	RB.2
C11	22uF/t	RB.2
C2	22uF/t	RB.2
C28	22uF/t	RB.2
C29	22uF/t	RB.2
C3	22uF/t	RB.2
C30	22uF/t	RB.2
R11	2k	AXIAL0.4
Q1	2N2905	TO-39
Q4	2N3904	TO-92C
Q5	2N3904	TO-92C
Q6	2N3904	TO-92C
Q7	2N3904	TO-92C
Q8	2N3904	TO-92C
R54	30k	AXIAL0.4
R55	30k	AXIAL0.4
R56	30k	AXIAL0.4
R57	30k	AXIAL0.4
R61	30k1	AXIAL0.4
R40	3k	AXIAL0.4
R42	3k	AXIAL0.4

R43	3k	AXIAL0.4	
R44	3k	AXIAL0.4	
R36	47k	AXIAL0.4	
C42	47n	RAD0.2	
R51	4k42*	AXIAL0.4	
R38A	50R	res_vishay	
R38B	50R	res_vishay	
RV1	5k	VR6	
R31	6.7k	AXIAL0.4	
R58	7.5k	AXIAL0.4	
U14	74LS112	DIP16	
U13	74LS132	DIP14	
R60	7k5	AXIAL0.4	
J10	ADJUST OVER LIMIT	SH2-DIODE	
U3	ADOP27GN	DIP8	
U4	ADOP27GN	DIP8	
U12	DG419DJ	DIP8	
U5	INA111AP	DIP8	
U7	INA111AP	DIP8	
U8	INA111AP	DIP8	
Q3	IRFD110	HEXDIP4	
J4	LASER DIODE & INT	SH5	
J9	LIMIT STATUS	SH2-DIODE	
U1	LM317T	TO-220VERTHS	
U10	LM339A	DIP14	
U9	LM339A	DIP14	
U15	LM340LAZ5	TO-92C	
U11	LM399AH	H04D	
U6	LT1028ACN8	DIP8	
J1	MEASUREMENT/COD	STRIP5	
J5	Modulation Input	SH2	
J11	OPEN CIRCUIT ERR	SH2-DIODE	
J12	OUTPUT ON	SH2-DIODE	
J8	POWER	SH2-DIODE	
J2	POWER IN	POWER5-156	
SplitPlane	RemoveDead	UseOctagons	
J6	RF Input	SH2	
ZD1	SA15	DIODE0.4	
ZD2	SA15	DIODE0.4	
J3	Shunt Switch	SH2	
Q2	VP0106	TO-220VERTHS	
	FALSE	TRUE	FALSE
	FALSE	TRUE	FALSE
TP1			TESTPOINT
TP10			TESTPOINT
TP11			TESTPOINT
TP12			TESTPOINT
TP13			TESTPOINT
TP14			TESTPOINT
TP15			TESTPOINT
TP16			TESTPOINT
TP17			TESTPOINT
TP18			TESTPOINT
TP19			TESTPOINT
TP20			TESTPOINT
TP21			TESTPOINT

TP3
TP5
TP6
TP7
TP8
TP9

TESTPOINT
TESTPOINT
TESTPOINT
TESTPOINT
TESTPOINT
TESTPOINT