



Channel Band	10MHz	25kHz
XF1	10M2F2	10M2B2
CF1	CFW455A	CFW455B
CF2	4n7	2n2
CF3	4n7	2n2
CF4	4n7	4n7
CF5	4n7	4n7
CF6	4n7	4n7
CF7	4n7	4n7
CF8	4n7	4n7
CF9	4n7	4n7
CF10	4n7	4n7
CF11	4n7	4n7
CF12	4n7	4n7
CF13	4n7	4n7
CF14	4n7	4n7
CF15	4n7	4n7
CF16	4n7	4n7
CF17	4n7	4n7
CF18	4n7	4n7
CF19	4n7	4n7
CF20	4n7	4n7
CF21	4n7	4n7
CF22	4n7	4n7
CF23	4n7	4n7
CF24	4n7	4n7
CF25	4n7	4n7
CF26	4n7	4n7
CF27	4n7	4n7
CF28	4n7	4n7
CF29	4n7	4n7
CF30	4n7	4n7
CF31	4n7	4n7
CF32	4n7	4n7
CF33	4n7	4n7
CF34	4n7	4n7
CF35	4n7	4n7
CF36	4n7	4n7
CF37	4n7	4n7
CF38	4n7	4n7
CF39	4n7	4n7
CF40	4n7	4n7
CF41	4n7	4n7
CF42	4n7	4n7
CF43	4n7	4n7
CF44	4n7	4n7
CF45	4n7	4n7
CF46	4n7	4n7
CF47	4n7	4n7
CF48	4n7	4n7
CF49	4n7	4n7
CF50	4n7	4n7
CF51	4n7	4n7
CF52	4n7	4n7
CF53	4n7	4n7
CF54	4n7	4n7
CF55	4n7	4n7
CF56	4n7	4n7
CF57	4n7	4n7
CF58	4n7	4n7
CF59	4n7	4n7
CF60	4n7	4n7
CF61	4n7	4n7
CF62	4n7	4n7
CF63	4n7	4n7
CF64	4n7	4n7
CF65	4n7	4n7
CF66	4n7	4n7
CF67	4n7	4n7
CF68	4n7	4n7
CF69	4n7	4n7
CF70	4n7	4n7
CF71	4n7	4n7
CF72	4n7	4n7
CF73	4n7	4n7
CF74	4n7	4n7
CF75	4n7	4n7
CF76	4n7	4n7
CF77	4n7	4n7
CF78	4n7	4n7
CF79	4n7	4n7
CF80	4n7	4n7
CF81	4n7	4n7
CF82	4n7	4n7
CF83	4n7	4n7
CF84	4n7	4n7
CF85	4n7	4n7
CF86	4n7	4n7
CF87	4n7	4n7
CF88	4n7	4n7
CF89	4n7	4n7
CF90	4n7	4n7
CF91	4n7	4n7
CF92	4n7	4n7
CF93	4n7	4n7
CF94	4n7	4n7
CF95	4n7	4n7
CF96	4n7	4n7
CF97	4n7	4n7
CF98	4n7	4n7
CF99	4n7	4n7
CF100	4n7	4n7

IC LEGEND

IC1	4001B
IC2	324
IC3	4066
IC4	74A40
IC7	9397
IC8	MC145152
IC9	SP8793 MC12016

Optional components (Not fitted as std.)
* Dependant on channel spacing (See chart)

○ = DC voltages measured with 10MΩ meter & set running normally.
R = Receive measured with no signal
T = Transmit measured @ 25W Output
AC peak to peak voltages
R = Receive measured with volume control fully clockwise and * indicates narrow band RF level of -47dBm modulated by 1kHz to ±3kHz deviation. Except measurement around squelch circuit are made with no RF signal.
T = Transmit measured in transmit mode with 1mV RMS 1kHz signal @ mic. input terminals.

f	041	MRF237	BF643
	R253A	10	OMIT
	C266	82	68

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SCALE: MATERIAL: FINISH: GEN. LIMITS:

ISSUE	AMENDMENTS	DRN.	CHKD.	APVD.	DATE
1	...	A.G.	D.T.	S.T.	24/8/80
2	...	N.B.	P.K.	S.C.	24/1/81

CIRCUIT DIAGRAM-T520

TAIT ELECTRONICS LTD
DRAWING NUMBER **A1 C512**
ISSUE **20**