

FT-1500M COMPONENT APPLICATION

[MAIN-UNIT]			
Address	Device name	Description	Application
Q2001	Transistor	RT1N441U	DC Switch
Q2002	Transistor	2SJ562	Power Supply Switch
Q2003	IC	KIA7808API	8V Regulator
Q2004	Transistor	2SC4400	REF Oscillator
Q2005	Transistor	2SA1602A	PLL LOCK Detector
Q2006	Transistor	2SC4154	Buff AMP
Q2007	IC	NJM78L05UA	5V Regulator
Q2008	IC	LV2105V	PLL Subsystem
Q2009	Transistor	RT1N441U	DC Switch
Q2010	Transistor	3SK239A	RF Amplifier
Q2011	IC	MB88347PFV	D/A Converter
Q2012	Transistor	RT1N441U	TX/RX Switch
Q2013	Transistor	2SC4154	TX/RX Switch
Q2014	IC	HN1J02FU	Analog Switch
Q2015	Transistor	2SC4154	Ripple Filter
Q2016	Transistor	3SK239A	Rx MIX
Q2017	Transistor	2SA1602A	Rx 8V Switch
Q2018	Transistor	CPH6102	TX 8V Switch
Q2019	Transistor	DTC143ZE	DC Switch
Q2020	Transistor	2SC5374	Voltage Control Oscillator
Q2021	Transistor	2SC4400	1 st IF AMP
Q2022	Transistor	2SC5374	Buff AMP
Q2023	IC	TA31136FN	IF Subsystem
Q2024	IC	BH3532FS	Electronic Attenuator
Q2025	Transistor	2SC5374	Buff AMP
Q2026	Transistor	2SK3074	TX Pre Driver AMP
Q2027	Transistor	2SC4154	Buff AMP
Q2028	Transistor	2SC4154	Noise AMP
Q2029	Transistor	2SC4154	Buff AMP
Q2030	Transistor	2SK3075	TX Driver AMP
Q2031	Transistor	2SC4154	RX AF AMP
Q2032	Transistor	2SC4154	RX AF AMP
Q2033	Transistor	RT1N441U	DC Switch
Q2034	IC	TDA2003H	AF Power AMP
Q2035	Transistor	2SC5125	RF Power AMP
Q2036	Transistor	2SJ364	AF Mute SW
Q2037	IC	NJM2904V	APC AMP
Q2038	Transistor	2SC5374	TX Buff AMP
Q2039	IC	NJM3403AV	Emphasis/IDC/LPF/MIX
Q2040	Transistor	2SC4154	DC Switch
Q2041	Transistor	RT1N441U	DC Switch
Address	Device name	Description	Application
D2001	Diode	P6KA18	Reverse Voltage Protection
D2002	Not Used		
D2003	Diode	MC2850	Limiting Diode

D2004	Varactor Diode	HVC200A	REF Tune
D2005	Varactor Diode	1SV214	BPF Tune
D2006	Varactor Diode	1SV214	BPF Tune
D2007	Varactor Diode	1SV214	BPF Tune
D2008	Varactor Diode	1SV214	BPF Tune
D2009	Varactor Diode	1SV214	BPF Tune
D2010	Varactor Diode	1SV214	BPF Tune
D2011	Diode	BAS316	Mic Mute
D2012	Varactor Diode	1SV214	BPF Tune
D2013	Varactor Diode	1SV214	BPF Tune
D2014	Varactor Diode	HVC362	VCO
D2015	Varactor Diode	HVC362	VCO
D2016	Diode	HSC277	VCO Modulator
D2017	Varactor Diode	1SV214	BPF Tune
D2018	Varactor Diode	1SV214	BPF Tune
D2019	Diode	HSC277	VCO Shift SW
D2020	Diode	MC2850	Limiting Diode
D2021	Diode	MC2850	Limiting Diode
D2022	Diode	HZM5.6NB2	5.6V Supply
D2023	Diode	MC2848	TX/RX RF Switch
D2024	Diode	MC2850	Noise Detector
D2025	Diode	MC2850	Noise Detector
D2026	Diode	UM9415	Antenna Switch
D2027	Not Used		
D2028	Diode	UM9957F	Antenna Switch
D2029	Not Used		
D2030	Diode	1SS377	Power Detect
D2031	Diode	02CZ3.3Z	Limiting Diode
[CNTL]			
Address	Device name	Description	Application
Q1001	IC	HD6473877H	Microprocessor
Q1002	IC	NJM2902V	CTCSS Filter
Q1003	IC	AT24C64N-10SI1.8SL	Programmable Data Store
Q1004	Transistor	RT1N441U	CTCSS Filter SW
Q1005	Transistor	2SC5374	Clock Shift SW
Q1006	IC	S-81250SGUP	5V Regulator
Q1007	IC	M51951AML	CPU Reset
Q1008	Not Used		
Q1009	Transistor	2SC4154	RX LED Control
Q1010	Transistor	CPH6202	Dimmer Control
Address	Device name	Description	Application
Q1011	Transistor	2SC4154	CPU Reset SW
Q1012	Transistor	RT1N441U	Power On SW
Q1013	IC	TK11250B	5V Regulator
Q1014	Not Used		
Q1015	Transistor	RT1N441U	CTCSS Filter SW
Q1016	Transistor	2SC4154	TX LED Control
D1001	Diode	MC2850	Limiting Diode

D1002	Diode	MC2850	Limiting Diode
D1003	Not Used		
D1004	LED	SML-020MLT	LED Indicator
D1005	LED	NSPW310BS	LED Indicator
D1006	Diode	BAS316	CPU Back Up
D1007	Diode	MC2850	CPU Reset