

# WA3TFS SUPER SIMPLE 6 METER FM SDR PARTS LIST

UPDATE MAY 18, 2018

ITEM NO.	VALUE	DESCRIPTION	QUANTITY	DIGIKEY PART NO.
C1, C12	0.001u	CERAMIC CAP/50V	2	BC1072CT-ND
C2	0.047u	CERAMIC CAP/50V	1	399-4189-ND
C9, C13	22p	CERAMIC CAP/50V	2	399-9723-ND
C11, C14	82p	CERAMIC CAP/100V	2	490-7490-1-ND
C6	.033u	CERAMIC CAP/50V	1	399-4179-ND
C7	.01u	CERAMIC CAP/50V	1	BC2662CT-ND
C10,C15,C16,C17,C18	0.1u	CERAMIC CAP/50V	5	478-3192-ND
****C-MOD****	0.1u	CERAMIC CAP/50V	1	478-3192-ND
C3, C4	1u	ELECTROLYTIC/25V	2	493-10419-1-ND
C8	2.2u	ELECTROLYTIC/25V	1	493-10503-1-ND
C5	220u	ELECTROLYTIC/25V	1	P13131-ND
D1	1N4148	SWITCHING DIODE	1	1N4148FS-ND
IC2	LM386N	AUDIO AMP IC	1	296-43960-5-ND
K1	DPDT/12V	RELAY	1	PB384-ND
Q1	TIP125	PNP DARLINGTON	1	TIP125GOS-ND
R1	10 OHM	RESISTOR/.25 WATT	1	CF14JT10R0CT-ND
R2	47 K	RESISTOR/.25 WATT	1	CF14JT47K0CT-ND
R3	2.2 K	RESISTOR/.25 WATT	1	CF14JT2K20CT-ND
R4	10 K	RESISTOR/TRIMMER	1	3306F-103-ND
R10	500 OHM	RESISTOR/TRIMMER	1	3306F-501-ND
R5	1 K	RESISTOR/.25 WATT	1	CF14JT1K00CT-ND
R6	330 OHM	RESISTOR/.25 WATT	1	CF14JT330RCT-ND
R7,R8,R9	22 K	RESISTOR/.25 WATT	3	CF14JT22K0CT-ND
****R11****	4.7K	RESISTOR/.25 WATT	1	CF14JT4K70CT-ND
J1-J4	PIN HEADER	10 POSITION/MALE	4	952-1905-ND
				PARTS ABOVE DIGIKEY
NANO	ARDUINO	MICROPROCESSOR	1	EBAY/ON LINE
AD9850		DDS MODULE	1	EBAY/ON LINE
BUFFER		LNA MODULE	1	EBAY/ON LINE
RF AMP		RF POWER AMP	1	EBAY/ON LINE
L1, L2, L3	T37-2	TOROID CORE/RED	3	AMIDON
RECEIVER	DONGLE	DVB-T-DAB+FM	1	EBAY/ON LINE

