

TX Circuit Description		
Description	Function	Component
Antenna	transmit modulated RF signal	L3 Ant
LPF Filter	suppresion of spurious emissions	C9 C11 T1
RF Power amplifer and Modulator	modulate the carrierand amplify the modulated RF signal	Q3 L2 R11 C12
Oscillator	generate 27.145MHz carrier	X1 Q2 R6 R10 C4 C5 L1
Encode IC	generate code signal to modulator	U2(TX-2BS)
Time Control	control transmit RF signal on/off time	U1(HEF4011B) D2 C1 R1 R2 R3 R4 R5 Q1
Type of antenna: An integral antenna (non-extendable) has been used		