

TM832USL Function of Device

Reference	Type	Function
Q01	BJP PW TO92-- 2SB772----- NEC ROHS	Const Current Controller
Q02	BJN PW TO92-- 9014C----- SAMSUNG	Charge Indicator Switch
Q03	BJN PW TO92-- 9014C----- SAMSUNG	Charge Indicator Switch
Q1	TRANSISTOR 2SC4901YK	TX/RX Switch
Q10	BJN SS SOT-23 MMBT3904LT1 ROHS	TX Power controller Switch
Q11	BJN SS SOT-23 MMBT3904LT1 ROHS	TX Inhibit Control
Q12	FET 2SK3078	RF Power Out Driver
Q13	FET 2SK302G	VCO(RX)
Q14	FET 2SK210Y	VCO(TX)
Q15	BJP SS SOT-23 MMBT3906LT1 ROHS	Extend PTT detector
Q16	TRANSISTOR MPS8550S-D(SSA1 197Y&2SA1298Y)	Audio Power Converter
Q17	BJN SS SOT-23 MMBT3904LT1 ROHS	5V VCC regulator
Q18	TRANSISTOR MPS8550S-D(SSA1 197Y&2SA1298Y)	5V VCC regulator
Q2	TRANSISTOR 2SC4901YK	IF Amplifier
Q20	TRANSISTOR 2SC4097R	MIC mute
Q21	BJN SS SOT-23 MMBT3904LT1 ROHS	AUDIO Power Converter
Q22	BJN SS SOT-23 MMBT3904LT1 ROHS	AUDIO Power Converter
Q23	TRANSISTOR 2SC4097R	Motor controller
Q24	BJP SS SOT-23 MMBT3906LT1 ROHS	TX 5V Switch
Q25	BJP SS SOT-23 MMBT3906LT1 ROHS	RX 5V Switch
Q26	BJP SS SOT-23 MMBT3906LT1 ROHS	RX VCO 5V Switch
Q27	BJN SS SOT-23 MMBT3904LT1 ROHS	Audio mute
Q3	TRANSISTOR 2SC4901YK	RF Power Out Predriver
Q4	TRANSISTOR 2SC4901YK	RF Power Out Predriver
Q5	TRANSISTOR 2SC4901YK	VCO Output Buffer
Q6	MFN PW ----- RD07MVS1----- MITSUBISHI ROHS	RF Power Out Amplifier
Q7	TRANSISTOR 2SC4901YK	Low Noise Amplifier
Q8	MFN RF SC-82AB 3SK318 HITACHI	Mixer
Q9	BJP SS SOT-23 MMBT3906LT1 ROHS	RX VCO 5V Switch
U1	IC BA4116FV	Demodulation
U11	IC NJM2070	Audio Amplifier
U2	IC NJM2904M	TX Power Control
U3	IC XC61FC4012MR	MCU Reset IC
U4	IC LM324DT SO14	MIC Amplifier
U401	DRIVER IC HT1621-DAF	LCD Driver
U5	IC LM324DT SO14	ATIS&WX 1050 BPF
U6	SIT8825B01-R090 FSYN 16-TSSOP-0044 SAMSUNG ROH	PLL
U7	M38C29FFAHP60K- FLAH64P6Q-A RENESAS ROHS	MCU
U8	IC XC6204B502MR	Voltage Regulator
U9	IC AT24C16AN-10SI-2.7 EEP ROM	Eeprom