

BR777

SEMICONDUCTOR DESIGNATIONS AND FUNCTIONS

Designator	Description	Application
CPU1	TMP86CH21	Micro controller
D1	KDS114E	TX,RX switch
D3	KDS115	Squelch Rectifier
D4	KDS115	VOX rectifier
D13	KDS114E	TX,RX switch
D301	KDS114E	VCO TX,RX switch
IC1	DBL5018	IF IC
IC105	AT93C56	EEPROM
IC2	LM386	Speaker amplifier
IC201	GP214D	PLL IC
IC3	XC6201	3V regulator
IC4	LM324	OP amp.
IC5	LM324	OP amp.
IC7	XC6N26	2.6V Reset IC
LED1	SML210MT	LED for backlit
Q1	NE5510279A	TX PA
Q2	KRC405E	RX VCC Mute
Q3	KRA226S	Vibrator driver
Q4	BFQ67W	TX driver
Q5	KRC404E	CTCSS Limitor
Q6	2SC4226	RX LNA
Q7	KTA2014E	PTT switch
Q8	2SC4226	RX MIXER
Q9	2SC4083	IFA
Q10	KRA306E	VCO Vcc switch
Q11	BFQ67W	TX pre-driver
Q12	KRC405E	Cloning driver
Q13	KTA1505	TX Vcc switch
Q14	KRA306E	RX Vcc switch
Q15	KRA304E	EEPROM invertorl
Q16	XP152A12C0MR	Speaker amplifier Vcc switch
Q17	KRC405E	TX audio Mute
Q18	XP152A12C0MR	Main VCC switch
Q19	KRC401E	VCO TX,RX switch
Q20	KRA306E	TX Power Control
Q23	KRC405E	RX audio mute
Q301	2SC4226	VCO
Q302	2SC4226	VCO