

SEMICONDUCTOR DESIGNATIONS AND FUNCTIONS

Gert

Designator	Reference number	Description
COMBO1	AN6311	One chip IC (include PLL, IF, Audio amplifier)
D1	KDS114	RX,TX RF Switch
D2	KDS114	RX,TX RF Switch
D201	KDS114	Reset for CPU
D25	KDS113	Charging path
D301	KDS114	VCO RX TX switch
D4	KDS112	VCO B+ supply
IC2	UTC34119	Speaker Amplifier
IC3	XC6201B302MR	3V Regulator
LED1	SML210MT	Backlit LED for LCD
U1	W541C250	CPU
Q1	DRF1601	TX PA
Q2	KRC404E	Speaker Vcc enable
Q4	BFQ67W	TX driver
Q6	2SC4226	RX Frontend
Q7	KTA2014E	PTT switch
Q8	2SC4226	1 st Mixer
Q10	KRA306E	RX B+
Q11	BFQ67W	TX pre-driver
Q13	KRA306E	TX B+
Q15	KRC404E	VOX switch
Q16	KRA226S	Speaker Amplifier B+
Q18	KRA226S	Main B+ switch
Q19	KRC405E	VCO RX/TX Switch
Q301	2SC4083	VCO
Q302	2SC4083	VCO