

LXT314

SEMICONDUCTOR DESIGNATIONS AND FUNCTIONS

Designator	Description	Application
CPU1	W541C250	Micro controller
D1	KDS114E	TX,RX switch
D3	KDS114E	Squelch temperature compensation
D5	KDS112E	VCO Vcc switch
D13	KDS114E	TX,RX switch
D301	KDS114E	VCO TX,RX switch
IC1	DBL5018	IF IC
IC2	LM386	Speaker amplifier
IC201	GP214D	PLL IC
IC3	XC6201	4V regulator
IC4	LM324	OP amp.
Q1	NE55260234	TX PA
Q3	BFQ67W	TX driver
Q6	2SC4226	RX LNA
Q7	KTA2014E	PTT switch
Q8	2SC4226	RX MIXER
Q11	BFQ67W	TX pre-driver
Q12	KRC404E	Speaker amplifier Vcc switch
Q13	KRA226	TX Vcc switch
Q15	KRA306E	TX Power Control
Q16	KRA226	Speaker amplifier Vcc switch
Q19	KRC401E	VCO TX,RX switch
Q23	KRC405E	RX audio mute
Q29	KRA306E	RX Vcc switch
Q30	KRA226	Main Vcc switch
Q101	KTC4075E	CPU Reset
Q102	STK828EF	CPU Reset
Q301	2SC4226	VCO
Q302	2SC4226	VCO