

LXT320/420

SEMICONDUCTOR DESIGNATIONS AND FUNCTIONS

Designator	Description	Application
CPU1	TMP86CH21	Micro controller
D1	KDS114E	TX,RX switch
D2	KDS120	Charger Switch
D3	KDS112	VCO Switch
D4	KDV154B	WX VCO
D5	KDS114E	Charger protector
D6	KDS115	PA temp. compansation
D13	KDS114E	TX,RX switch
D301	KDS114E	VCO TX,RX switch
IC2	LM358	OP Amp.
LED1	SML210MT	LED for backlit
Q1	DRF1601	TX PA
Q2	KRC405E	TX Mute
Q3	BFQ67W	TX driver
Q4	BFQ67W	TX driver
Q5	KRC404E	Incoming CTCSS limiter
Q6	2SC4226	RX LNA
Q7	KRC404E	WX VCC Switch
Q8	2SC4226	RX MIXER
Q9	KTC4075E	RESET
Q10	KRA306E	WX VCC Switch
Q11	BFQ67W	TX pre-driver
Q12	KTC4075E	RESET
Q13	KTC4075E	VCO VCC Switch
Q14	BFQ67W	TX driver
Q15	KRC405E	TX Power Hi/Low switch
Q17	KRC405E	RX Mod. Mute
Q18	2SC4083	WX VCO
Q19	KRC401E	VCO TX,RX switch
Q20	KRC405E	TX Power Hi/Low switch
Q24	KRC246S	Vibrator driver
Q27	2SC4083	WX Mixer
Q301	2SC4226	VCO
Q302	2SC4226	VCO