

GMRS6000

SEMICONDUCTOR DESIGNATIONS AND FUNCTIONS

Designator	Description	Application
D1	KDS114E	RX,TX Switching
D3	KDS114E	Squelch temperature compensation
D4	KDS160	TX PA temperature compensation
D5	KDS114E	VOX rectifier
D6	KDS113	VCO VCC Switching
D7	KDS114E	RX,TX Switching
D8	KDS114E	CPU Reset
D9	KDS114E	VCO RX,TX Switch
IC1	DBL5018	IF IC
IC2	LM386	Speaker Amplifier
IC3	XC6201	4V Regulator
IC4	LM324	OP Amplifier
IC5	LM324	OP amplifier
IC6	TB31202	PLL IC
IC7	W541C250	Micro Controller
LED1	SML210MT	Backlit LED
Q1	DRF1601	TX PA
Q2	BFQ67W	TX Driver
Q4	KRC404E	Speaker Amp. Vcc Switch
Q5	KRC404E	CTCSS Limiter
Q6	2SC4226	RX LNA
Q7	KTA2014E	PTT Switch
Q8	2SC4226	RX Mixer
Q9	2SC4083	RX IFA
Q10	KRA306E	VCO VCC
Q11	BFQ67W	TX Pre-driver
Q12	BFQ67W	TX Driver
Q13	KRA226	TX VCC Switch
Q14	KRA306E	RX VCC Switch
Q15	BFQ67W	TX Driver
Q16	KRA226	Speaker Amp. Vcc Switch
Q17	KRC405E	Modulation Audio Mute
Q18	KRA226	Main Vcc Switch
Q19	KRC405E	VCO RX,TX Switch
Q20	KRA306E	TX Power Hi/Low switch
Q21	KRC404E	VOX Switch
Q22	KTC4075E	RX Audio Amplifier
Q23	KRC405E	RX Audio Mute
Q24	KRA306E	TX Power Hi/Low switch
Q25	KRC405E	RF TX ,RX Switch
Q26	2SC4226	VCO
Q27	2SC4226	VCO