

Semiconductor and Active Devices

SYMBOL	Parts Number	Application	Parts Description (Industry Equiv.)
QA01	HC1021105Y	AF amplifier	TA7368F
QA02	HZ2005305Y	V. protection	1SS387
QA03	HX113621BY	AF mute switch	2SA1362(GR)
QA04	HY2183000Y	AF mute switch	2SK1830
QA05	HX113621BY	AF mute switch	2SA1362(GR)
QA06	HY2183000Y	AF mute switch	2SK1830
QA07	HZ3068100Y	V. protection	MA8068-M / UDZS6.8B
QA08	HZ3068100Y	V. protection	MA8068-M / UDZS6.8B
QA09	HZ3068100Y	V. protection	MA8068-M / UDZS6.8B
QA10	HZ2005305Y	V. protection	1SS387
QC01	BA2110200Y	DC switch	DTC114EE/ RN1102
QC02	HZ2003321Y	V. protection	1SR154-400
QC03	HC1002753Y	+5V Regulator	S81350HG
QC04	BA1210700Y	DC switch for LCD power supply	DTA114YE/ RN2107
QC05	HC9810353Z	+3V Regulator	S81230SG
QC06	BA3000121Y	DC switch for PLL power supply	UMC5N
QC07	BA9001905Y	DC switch	HN1K02FU
QC08	BA1000103Y	DC switch	FP208
QC09	BA2171000Z	DC switch	UMG3N/ RN1710
QC10	BA2171000Z	DC switch	UMG3N/ RN1710
QC11	BA1210700Y	DC switch	DTA114YE/ RN2107
QC12	BA1210700Y	DC switch	DTA114YE/ RN2107
QC13	HZ3160100Y	V. protection	MA8160-M / UDZ16B
QC14	HZ3068100Y	V. protection	MA8068-M / UDZS6.8B
QD01	HC10177090	LCD driver	NJU6428CF
QD02	HQ21003860	LCD panel	LCD(LM-5235B)
QD03	HX413831BY	DC switch for Back light	2SD1383K
QD04	HI1001169Y	LED for Back light	L1650YG
QD05	HI1001169Y	LED for Back light	L1650YG
QD06	HI1001169Y	LED for Back light	L1650YG
QD07	BA2100100Y	DC switch for Tx/Busy LED	UMW1N
QD08	HI1010021Y	LED for Tx/Busy	SML-020MLT
QD09	HI1015132Z	LED for Back light	LT1E67A
QD10	HI1015132Z	LED for Back light	LT1E67A
QD11	HI1015132Z	LED for Back light	LT1E67A
QD12	HI1015132Z	LED for Back light	LT1E67A
QD13	HI1015132Z	LED for Back light	LT1E67A
QD14	HI1015132Z	LED for Back light	LT1E67A
QF01	HZ2005501Y	RF Antenna switch	HVU131
QH01	HX346492BY	RF amplifier for 1st IF (44.950MHz)	2SC4649
QH02	HX346492BY	RF amplifier for 1st IF (44.950MHz)	2SC4649
QH03	HZ2002802Y	Limiter	MA132WK
QH04	HC1002042Y	Integrated Circuit for 2nd IF system	TK10487M(B)
QH05	HX346172AY	Noise amplifier	2SC4617
QH06	HZ2005405Y	Noise rectifier	1SS389
QH07	HZ2005405Y	Noise rectifier	1SS389
QH08	HY2183000Y	DC switch	2SK1830
QH09	HZ2005305Y	V. protection	1SS387
QL01	HC6000801F	Microprocessor	HD64F2144TE20
QL02	HC1002799Y	EEPROM	AT24C16N
QL03	HC1009353Y	Integrated Circuit for Reset	S80840ANN
QL04	BA1210700Y	DC switch	DTA114YE/ RN2107
QL06	BA2110700Y	DC switch	DTC114YE/ RN1107

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SYMBOL	Parts Number	Application	Parts Description (Industry Equiv.)
QM01	HC1001551Y	Integrated Circuit for Base band	MX806AL
QM02	HC1017309Y	Active filter / Comparater [Operational amp.]	NJM2904V
QP01	HZ2002921Y	RF Rx/Tx switch	DAN235E
QP02	HX350051AY	RF amplifier for 1st local signal	2SC5005
QP03	HX347261PY	RF amplifier for 1st local signal	2SC4726
QP04	HC1013318Y	Integrated Circuit of PLL synthesizer	MB15E03L
QP05	HZ2006005Y	V. protection	HN2D01FU
QP06	BA2110700Y	DC switch for PLL unlock	DTC114YE/ RN1107
QP07	BA9001905Y	DC switch for PLL low pass filter	HN1K02FU
QP08	HY2183000Y	DC switch for PLL low pass filter	2SK1830
QP09	HY1034700Y	DC switch for VCO	2SJ347
QP10	BA3000121Y	DC switch for VCO	UNC5N
QP11	HX413831BY	Active ripple filter for VCO power supply	2SD1383K
QP12	HZ2005305Y	V. protection	1SS387
QP13	HC1025120Y	Digital to Analog converter	M62334FP
QR01	HZ2005101Y	RF Antenna switch	HSC277
QR02	HY4027410Y	RF amplifier [LNA]	3SK274
QR03	HF5022500Y	Receiver 1st mixer	SGM2014AM
QS01	HC1001451Y	Integrated Circuit for Sub audible signal decoding	MX805AL
QS02	HZ2110700Y	Limiter	1SS362/ DA221
QS03	HC1016221Y	Analog Multiplexer	BU4053BCF
QS04	HC1016221Y	Analog Multiplexer	BU4053BCF
QS05	BA2110700Y	DC switch	DTC114YE/ RN1107
QS06	HC1017309Y	Receiver AF buffer amp. [Operational amp.]	NJM2904V
QS07	HC1035603Y	Integrated Circuit for DTMF receiver	LC73881M
QT01	HC10249200	Hybrid Integrated Circuit of RF final amplifier	M68732HM-A
QT02	HZ3068100Y	V. protection	MA8068-M / UDZS6.8B
QT03	HX352271AY	RF amplifier	2SC5227
QT04	HX350051AY	RF amplifier	2SC5005
QT05	HC1017309Y	Operational amplifier	NJM2904V
QT06	BA1210400Y	DC switch	DTA144EE/ RN2104
QT07	BA2110400Y	DC switch	DTC144EE/ RN1104
QT08	BA2110200Y	DC switch	DTC114EE/ RN1102
QV01	HX350051AY	RF amplifier	2SC5005
QV02	HY218751AY	VCO	2SK1875(V)
QV03	HZ4002001Y	VCO	HVC358B
QV04	HY218751AY	VCO	2SK1875(V)
QV05	HZ4001501Y	VCO	HVC359
QV06	HZ4002001Y	VCO	HVC358B
QV07	HZ4002905Y	VCO	1SV281
QW01	HZ2005305Y	V. protection	1SS387
QW02	HZ2005305Y	V. protection	1SS387
QW03	HZ2005305Y	V. protection	1SS387
QW04	HZ2005305Y	V. protection	1SS387

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