

Quantity	Designator	Description	HTI Part Number	Digikey	Manufacturer #1	Manufacturer #2	Part Number #1	Part Number #2
1	SE1	FW, U6, AT-100 GSM Board ATMEGA, 30-100C08-10000			HTI			
1	SE2	FW, U1, AT-100 SL6087 Sierra Wireless Releas 08-10005			HTI			
1	SE3	SW, U1, AT-100 SL6087 Application Code Rele 08-10006			HTI			
3	P2, P6, P7	in-Drive AT-100 OBD Connector Short pin	09-10031	NA	HTI			
4	P10, P14, P15, P16	in-Drive AT-100 OBD Connector Long pin	09-10032	NA	HTI			
2	P4, P5	in-Drive AT-100 OBD Connector GND pin	09-10033	NA	HTI			
1	M1	in-Drive AT-100 GSM Antenna Adhesive	09-10105	NA	HTI			
1	U6	IC, Microcontroller, AVR, 16 MHz, MLF-44	30-10006	ATMEGA162-16MUR-ND	Atmel		ATmega162-16MU	
1	U20	IC QUAD BUS BUFF GATE 3ST 14-QFN	30-10012	SN74LV125ARGYRG4-ND	TI	TI	SN74LV125ARGYRG4	SN74AHC125RGYRG4
1	U22	I.C., differential transceiver, SOIC-8	30-10015	296-1279-2-ND	TI		SN75LBC176DR	
2	U19, U21	I.C., ISO 9141 transceiver, SOIC-8	30-10016	NA	Vishay Siliconix		Si9243AEY-T1-E3	
1	U17	I.C., CAN transceiver, SOIC-8	30-10017	MAX13050ASA+T-ND	Maxim	NXP	MAX13050ESA+T	TJA1040T/VM
1	U14	I.C., CAN Controller, TSSOP-20	30-10018	MCP2515-I/ST-ND	Microchip		MCP2515-I/ST	
1	U5	AT&T M2M Soldered SIM, SLM75CF3201P, Prc	30-10023		G&D	Oberthur	PQ-AX-0001	IO149 VQFN8
1	U8	IC 8-BIT TRNSLTR 15KV ESD 20-QFN	30-10035	296-21528-2-ND	TI		TXB0108RGYR	
1	U3	IC REG ULDO 300MA 3.3V SOT23-5	30-10065	497-4257-2-ND	ST Micro	On Semi	LDS3985M33R	NCP603SN330T1G
1	U29	IC COMPARATOR OPEN-DRAIN SC70-5	30-10069	ADCMCP370AKSZ-REEL7TR-ND	Analog Devices		ADCMCP370AKSZ-REEL7	
1	U7	IC BUS BUFF TRI-ST DL 8VSSOP	30-10071	296-13265-2-ND	TI	NXP	SN74LVC2G125DCUR	74LVC2G125DC
1	U1	IC, GSM Radio Sierra Wireless	30-10077		Sierra Wireless		SL6087 (SKU 1101370)	
2	U9, U16	IC SINGLE INVERTER GATE SC70-5	30-10078	296-11600-2-ND	TI	Diodes Inc	SN74LVC1G04DCKR	74LVC1G04SE-7
1	U4	IC INVERTER DUAL SCHMITT SC70-6	30-10079	296-13011-2-ND	TI	Fairchild	SN74LVC2G14DCKR	NC7WZ14P6X
1	U2	IC iPod Authentication Coprocessor	30-10099		Apple		MFI341S2162	
1	U10	IC ACCELERATOR SMBUS DL SC70-6	30-10100	LTC4311ISC6#TRPBF-ND	Linear Tech		LTC4311ISC6#TRMPBF	
24	C1, C4, C6, C7, C12, C32, C37, C39, C44, C45, C4	CAP,SMD,0.1uF,16V,10%,0402,Cer,X7R	31-10002	490-3261-2-ND	Murata	Taiyo Yuden	GRM155R71C104KA88D	EMK105B7104KV-F
11	C11, C23, C24, C38, C50, C76, C77, C85, C89, C1	CAP,SMD,0.01uF,50V,10%,0402,Cer,X7R	31-10021	490-4762-2-ND	Murata	Taiyo Yuden	GRM155R71H103KA88D	UMK105B7103KV-F
23	C8, C9, C10, C13, C18, C19, C20, C21, C22, C27,	CAP CER 56PF 50V 5% COG 0402	31-10032	490-1288-2-ND	Murata	Taiyo Yuden	GRM1555C1H560JD01D	UMK105CH560JV-F
5	C17, C43, C51, C54, C86	CAP CER 10PF 50V 5% COG 0402	31-10034	490-1278-1-ND	Murata	Taiyo Yuden	GRM1555C1H100JA01D	UMK105CG100DV-F
2	C90, C91	CAP CER 22PF 50V 5% COG 0402	31-10036	490-1283-1-ND	Murata	Taiyo Yuden	GRM1555C1H220JZ01D	UMK105CG220JV-F
1	C25	CAP CER 2.2UF 10V 10% X7R 0805	31-10037	490-1696-1-ND	Murata	Taiyo Yuden	GRM21BR71A225KA01L	LMK212B7225KG-T
2	C14, C15	CAP CER 10UF 10V X7R 1206	31-10038	490-3371-1-ND	Murata	Taiyo Yuden	GRM31CR71A106KA01L	LMK316B7106KL-TD
2	C80, C81	CAP CER 560PF 50V 5% COG 0603	31-10039	490-1445-1-ND	Murata	Taiyo Yuden	GRM1885C1H561JA01D	UMK107CG561JZ-T
1	C29	CAP CER .1UF 100V X7R 0805	31-10042	490-4789-1-ND	Murata	Taiyo Yuden	GCM21BR72A104KA37L	HMK212B7104KG-T
5	C16, C35, C47, C53, C87	CAP CER 33PF 50V COG 0402	31-10043	490-3220-1-ND	Murata	Taiyo Yuden	GRM1555C1H330JA01D	UMK105CG330JV-F
2	C65, C92	CAP CERAMIC 15PF 50V COG 0402	31-10045	490-3117-1-ND	Murata	Taiyo Yuden	GJM1555C1H150JB01D	UMK105CG150JV-F
2	C71, C72	CAP CERAMIC 1.3PF 50V COG 0402	31-10054	490-3086-2-ND	Murata	Johanson	GJM1555C1H1R3CB01D	500R07S1R3BV4T
1	C30	CAP CER 10UF 6.3V X7R 0805	31-10062	490-3904-1-ND	Murata	AVX	GRM21BR70J106KE76L	08056C106KAT2A
2	C5, C26	CAP CER 2.2UF 6.3V X7R 10% 0603	31-10063	490-5316-1-ND	Murata	AVX	GCM188R70J225KE22D	06036C225KAT2A
1	R94	RES,SMD,100Kohms,1/16W,1%,0402	32-10022	541-100KLTR-ND	Vishay	Yageo	CRCW0402100KFKED	RC0402FR-07100KL
1	R37	Res, 0 ohm 0402	32-10030	311-0.0JRTR-ND	Yageo	Rohm	RC0402JR-070RL	MCR01MZPJ000
7	R11, R12, R64, R71, R81, R89, R93	RES 10K OHM 1/16W 5% 0402 SMD	32-10076	311-10KJCT-ND	Yageo	Rohm	RC0402JR-0710KL	MCR01MZPJ103
1	R88	RES 100 OHM 1/10W 5% 0603 SMD	32-10078	311-100GCT-ND	Yageo	Rohm	RC0603JR-07100RL	MCR03EZPJ101
4	R1, R5, R6, R25	RES 47K OHM 1/16W 5% 0402 SMD	32-10079	311-47KJCT-ND	Yageo	Rohm	RC0402JR-0747KL	MCR01MZPJ473
3	R73, R75, R78	RES 10K OHM 1/10W 5% 0603 SMD	32-10082	311-10KGCT-ND	Yageo	Rohm	RC0603JR-0710KL	MCR03EZPJ103
3	R76, R77, R82	RES 15K OHM 1/10W 5% 0603 SMD	32-10083	311-15KGCT-ND	Yageo	Rohm	RC0603JR-0715KL	MCR03EZPJ153
2	R72, R74	RES 510 OHM 1/4W 5% 1206 SMD	32-10085	311-510ETR-ND	Yageo	Rohm	RC1206JR-07510RL	MCR18EZPJ511
1	R15	RES 1.00M OHM 1/16W 1% 0402 SMD	32-10086	311-1.00MLRTR-ND	Yageo	Rohm	RC0402FR-071ML	MCR01MZPF1004
12	R2, R3, R4, R7, R8, R9, R10, R13, R21, R22, R98,	RES 100K OHM 1/16W 5% 0402 SMD	32-10088	311-100KJTR-ND	Yageo	Rohm	RC0402JR-07100KL	MCR01MZPJ104
3	R79, R80, R91	RES 10 OHM 1/10W 5% 0603 SMD	32-10089	311-10GTR-ND	Yageo	Rohm	RC0603JR-0710RL	MCR03EZPJ100
1	R87	RES 2.7K OHM 1/10W 5% 0603 SMD	32-10102	311-2.7KGTR-ND	Yageo	Rohm	RC0603JR-072K7L	MCR03EZPJ272
2	R69, R70	RES 1.2K OHM 1/4W 5% 1206 SMD	32-10103	311-1.2KERTR-ND	Yageo	Rohm	RC1206JR-071K2L	MCR18EZHJ122
1	R92	RES 20 OHM 1/16W 5% 0402 SMD	32-10104	311-20JRTR-ND	Yageo	Rohm	RC0402JR-0720RL	MCR01MZPJ200

1 R95	RES 3.6K OHM 1/10W 5% 0603 SMD	32-10105	311-3.6KGRTR-ND	Yageo	Rohm	RC0603JR-073K6L	MCR03EZPJ362
1 R97	RES 6.8K OHM 1/16W 5% 0402 SMD	32-10106	311-6.8KJRTR-ND	Yageo	Rohm	RC0402JR-076K8L	MCR01MZPJ682
2 R19, R26	RES 33 OHM 1/16W 5% 0402 SMD	32-10113	311-33JRTR-ND	Yageo	Rohm	RC0402JR-0733RL	MCR01MZPJ330
1 L2	INDUCTOR 3.9NH 300MA 0402	33-10015	490-2617-2-ND	Murata		LQG15HS3N9S02D	
1 D2	IC FILTER USB ESD PROTECT 6TSOP	34-10003	STF202-22T1GOSTR-ND	ONsemi	Semtech	STF202-22T1G	STF202-22.TCT
1 D8	Diode, TVS zener, CAN, SOT23-3	35-10001	NUP2105LT1GOSTR-ND	OnSemi		NUP2105LT1G	
1 D10	DIODE ZENER 15V 200MW SOD-323	35-10011	MMSZ5245BS-FDITR-ND	Diodes		MMSZ5245BS-7-F	
1 D15	DIODE ZENER 7.5V 500MW SOD123	35-10012	MMSZ5236B-FDITR-ND	Diodes		MMSZ5236B-7-F	
1 D14	IC DIODE SCHOTTKY SS SOD-323	35-10013	497-6653-2-ND	STMicroelectronics		BAT46JFILM	
1 D16	DIODE ZENER 4.7V 200MW SOD-323	35-10014	BZT52C4V7S-FDITR-ND	Diodes	OnSemi	BZT52C4V7S-7-F	MM3Z4V7ST1G
2 Q21, Q23	Transistor, NPN, SC-75	36-10000	BC847BTT1GOSTR-ND	OnSemi	NXP	BC847BTT1	BC847BT
1 Q18	Transistor, NPN w/resistors, 2.2K, 47K, SOT-413	36-10001	DTC123JET1G-ND	OnSemi	Diodes	DTC123JET1G	DDTC123JE
1 Q16	MOSFET P-CH 12V 6A SSOT-6	36-10005	FDC606PTR-ND	Fairchild	Vishay	FDC606P	SI3473DV-T1-E3
1 Q15	TRANS BRT PNP DUAL 50V SOT-563	36-10009	NSBA124EDXV6T1GOS-ND	Diodes		DDA124EH-7	
2 Q17, Q19	TRANS NPN 100V 2.5A MED SOT23-3	36-10010	ZXTN25100DFHTR-ND	Diodes		ZXTN25100DFHTA	
1 Q9	MOSFET P-CH 100V 700MA SOT23-3	36-10011	SI2325DS-T1-E3DKR-ND	Diodes	Vishay	ZXMP10A13FTA	SI2325DS-T1-E3
1 Y2	Crystal, 14.7456 MHz, CL=10pF, 23ppm stability	37-10004		Epson	Golledge	FA-238V 14.7456MF23X-K	MP02680
1 Y3	Crystal, 16.0000 MHz, CL=9pF, 18ppm stability	37-10009		Epson	Golledge	TSX-3225 16.0000MF18X-AC	
1 ANT1	GSM Antenna for AT100	39-10004		Pulse		W3628	
1 J1	Socket, 1.27mm, 2 row, 20 pins per row	40-10004		Samtec		SFC-120-T2-F-D-A-K-TR	
1 J2	CONN RCPT 5POS MICRO USB R/A	40-10033	WM17141TR-ND	Molex		47346-0001	
2 J3, J4	Socket 0.50 2 row 5 pins per row"	40-10038		Samtec		SFC-105-T2-F-D-A-K-TR	
1 FB1	FERRITE CHIP POWER 600 OHM SMD	49-10000	240-2371-2-ND	Steward	TDK	MI0603J601R-10	MPZ1608S601A
1 FIL1	FILTER LC HIGH FREQ 100PF 1206	49-10003	490-2545-2-ND	Murata		NFE31PT101C1E9L	
2 C2, C3	CAP TANT 470UF 10V 20% SMD	50-10007	718-1481-1-ND	Vishay/Sprague	AVX	TR3E477M010C0100	TPSE477M010R0100