



Item Description	Qty	Ref Des
CAP TANT 10UF 35V 10% ESR=0.30 OHMS 7343-31	3	C51,C54,C56
CAP TANT ESR=0.100 OHMS 330UF 10V 10% -- 7343-43	3	C121,C126,C129
CAP CER 0.022UF 50V 10% X7R 0805	1	C162
CAP TANT ESR=0.350 OHMS 47UF 16V 10% 6032-28	2	C41,C45
CAP ALEL 1000UF 35V 20% -- RADIAL	1	C125
CAP TANT 10UF 20V 10% -- 3528-21	5	C159,C165,C167,C32,C128
CAP CER 0.01UF 50V 10% X7R 0805	9	C50,C66,C94,C95,C102,C103,C104,C105,C170
CAP CER 100PF 50V 5% C0G 0805	6	C20,C21,C22,C23,C180,C181
CAP CER 10PF 50V 5% C0G 0805	2	C131,C132
CAP CER 47PF 50V 5% C0G 0805	4	C160,C161,C163,C164
CAP CER 470PF 50V 5% C0G 0805	10	C90,C91,C92,C93,C96,C97,C106,C107,C108,C109
		C5,C6,C7,C8,C9,C10,C11,C16,C17,C28,C29,C30,C31,C33,C35,C36,C38,C40,C42,C43,C44,C46,C47,C48,C49,C52,C53,C55,C57,C65,C67,C68,C69,C78,C79,C80,C81,C82,C83,C84,C85,C86,C88,C89,C100,C101,C114,C115,C116,C117,C119,C120,C122,C123,C127,C130,C137,C138,C139,C140,C141,C142,C143,C144,C145,C146,C147,C148,C149,C150,C151,C152,C154,C156,C158,C166,C169,C172,C174,C176,C184,C185,C186,C187
CAP CER 0.10UF 25V 10% X7R 0805	84	169,C172,C174,C176,C184,C185,C186,C187
CAP CER 2200PF 50V 5% C0G 0805	8	C58,C59,C60,C61,C62,C63,C64,C179
CAP CER 22PF 50V 5% C0G 0805	2	C177,C178
		C1,C2,C3,C4,C12,C13,C14,C15,C18,C19,C24,C25,C26,C27,C34,C37,C39,C70,C71,C72,C73,C74,C75,C76,C77,C98,C99,C110,C111,C112,C113,C118,C124,C133,C134,C135,C136,C153,C155,C157,C168,C171,C173,C175,C182,C183
CAP CER 1000PF 50V 10% X7R CC0805	46	
CAP TANT 2.2UF 16V 10% -- 3216-18	1	C87
IND FER CHK 25UH@100KHZ 3A 20% TH	2	L2,L3
IND FER BEAD 50 OHMS@100MHZ 6A -- 1206	6	FB1,FB2,FB3,FB4,FB5,FB6
IND FER BEAD 10UH@2.52MHZ 0.15A 5% 1210	1	L1
CON 4 RA SKT TH -- AU USB_B	1	J15
CON 4 RA SKT TH -- AU	1	J16
CON 9 DB RA SKT TH -- AU	4	P1,P4,P5,P6
		JP1,JP2,JP3,JP4,JP27,JP28,JP29,JP30,JP33,JP34,JP37,JP38,JP39,JP40,JP41,JP42,JP43,JP44,JP45,JP46,JP47,JP48,JP49,JP53,JP54,JP55,JP57,JP58,JP59,JP60,JP61,JP62,JP63
HDR 1X2 TH 2MM SP 197H AU	33	JP5,JP6,JP7,JP8,JP9,JP10,JP11,JP12,JP13,JP14,JP15,JP16,JP17,JP18,JP19,JP20,JP21,JP22,JP23,JP24,JP25,JP26,JP31,JP32,JP35,JP36,JP50,JP51,JP52,JP56,JP64
HDR 1X3 TH 2MM SP 197H AU	31	
HDR 1X6 TH 100MIL SP 460H SN	1	J6
HDR 1X10 TH 100MIL SP 330H AU	1	J12
SKT OPEN FRAME DIP14 300 MIL CTR AU	1	XU23
CON 2X13 PLUG TH 2.54MM CTR AU	1	J1
CON 1 JACK RA SMA SKT -- AU	1	J11
CON 2 TB TH 5.08MM SN	1	P3
HDR 1X3 TH 100MIL SP 330H AU	1	J5
FUSE CLIP 5A@250V SN TH	1	F1
HDR 1X4 TH 100MIL SP 330H AU	1	J13
CON 2X20 PLUG SHRD TH 100MIL CTR AU	1	J4
CON 3 JACK PWR RA TH 1.94 MAX PIN DIAM.	1	P2



HDR 1X12 TH 100MIL 330H AU	1	J3
CON 5 RA MIN USB TYP AB 90 FEM LF SKT SMT -- AU	1	J14
CON 60 SKT SMT 31MIL SP AU	4	J7,J8,J9,J10
TEST POINT PAD SIZE 3.4MM X 1.8MM SMT	13	TP1,TP2,TP3,TP4,TP5,TP6,TP7,TP8,TP9,TP10,TP11,TP12,TP13
XTAL 12.000000MHZ SER -- TH	1	Y2
XTAL 25.000000MHZ SER -- TH	1	Y1
IC XCVR 16BIT TS 2.3-3.6V TSSOP 48	3	U3,U4,U6
IC XCVR 8 TS 2.3-3.6V TSSOP 20	1	U7
IC BUF 8 TS 2.3-3.6V TSSOP 20	1	U27
IC VREG 150KHZ 3.3V 3A 4.5-40V TO-263 5	1	U20
IC XCVR RS-232 3.0-5.0V SSOP 20	3	U30,U31,U32
IC VREG 150KHZ 5.0V 3A 4.5-40V TO-263 5	1	U21
IC XCVR CAN 1MBPS 3.3V SOIC 8	2	U8,U9
IC USB CTLR 12/1.5MBPS 3-3.6V LQFP 64	1	U33
IC GATE AND 2IN 1.65-5.5V SOT-353 5	1	U14
IC GATE AND 3IN 1.65-5.5V SOT-23 6	2	U5,U26
IC GATE XOR DUAL 1.65-5.5V SO 8	1	U18
IC INV DUAL 1.65-5.5V SOT-363 6	1	U16
IC VREG LDO ADJ 1.5A 0-25V DD-PAK 3	1	U22
IC VSUP -- 1-5.5V SOIC 8	2	U24,U25
IC XCVR PHY ETHERNET 10/100MBPS 2.5/3.3V LQFP 48	1	U11
IC INV 6 2-6V SOIC 14	1	U17
IC LIN SW 2 PWR 2.7-5.5V SOIC 8	1	U34
IC LIN ADC 8 CHNL TSSOP20	1	U12
DIODE PWR RECT 1A 300V SMA	2	D18,D19
IC VREF 2.5/3.0V 4-36V SOIC 8	1	U13
IC VOLT COMPARATOR DUAL BIPOLAR, SO8, ROHS COMPLIANT	1	U15
IC MCU 32BIT 155MHZ 1.4-1.6V/3-3.6V MAPBGA 256	1	U10
IC MEM SDRAM 4MX16 133MHZ 3-3.6V TSOP-II 54	2	U28,U29
IC MEM MRAM 256KX16 35NS ASYNC 3.3V TSSOP44	2	U1,U2
IC MEM FLASH 2MX8 65NS 3-3.6V SO 44-HOT SOLDER DIPPED FOR ROHS COMPLIANCE	1	U19
LED RED SGL 30MA 5V SMT	3	D5,D23,D24
LED GRN SGL 25MA SMT	11	D1,D2,D3,D4,D6,D7,D9,D11,D14,D17,D33
LED BL SGL 30MA SMT	8	D25,D26,D27,D28,D29,D30,D31,D32
LED YEL SGL 30MA SMT	3	D8,D10,D12
RNET ISO 4 51 OHM 1/16W 5% 1206	4	RP4,RP5,RP6,RP7
RES MF 120 OHM 1/8W 5% 0805	9	R26,R27,R30,R31,R33,R34,R35,R36,R73
RES MF 150 OHM 1/8W 5% 0805	1	R39
RES MF 560 OHM 1/8W 5% 0805	1	R71
RES MF 6.49K 1/8W 1% 0805	1	R13
RES MF 62 OHM 1/8W 5% 0805	2	R2,R4
RNET ISO 4 10 OHM 1/16W 5% 1206 CONCAVE	2	RP18,RP19
RNET ISO 4 22 OHM 1/16W 5% 1206 CONCAVE	1	RP3
RNET ISO 4 10K 1/16W 5% 1206	1	RP13
RES MF ZERO OHM 1/8W -- 0805	8	R19,R20,R21,R22,R23,R24,R25,R32



RES MF 1.0M 1/8W 5% 0805	2	R37,R93
RES MF 100 OHM 1/8W 5% 0805	3	R40,R77,R79
RES MF 24 OHM 1/8W 5% 0805	4	R53,R57,R61,R64
RES MF 270 OHM 1/8W 5% 0805	11	R42,R43,R44,R45,R46,R47,R48,R50,R70,R75,R78
RES MF 100K 1/8W 5% 0805	3	R85,R86,R92
RES MF 49.9 OHM 1/8W 1% 0805	4	R8,R9,R10,R11
RNET ISO 4 4.7K 1/16W 5% SMT	18	RP1,RP2,RP8,RP9,RP10,RP11,RP12,RP14,RP15,RP16,RP17,RP20,RP21,RP22,RP23,RP24,RP25,RP26
RES MF 10K 1/8W 5% 0805	7	R7,R14,R76,R81,R82,R90,R91
RES MF 4.7K 1/8W 5% 0805	8	R12,R49,R55,R60,R66,R67,R68,R69
RES MF 22 OHM 1/8W 5% 0805	10	R5,R6,R28,R29,R72,R74,R83,R84,R87,R88
RES MF 220 OHM 1/8W 5% 0805	4	R15,R16,R17,R18
RES MF 22K 1/8W 5% 0805	1	R38
RES MF 1.8K 1/8W 5% 0805	5	R51,R54,R58,R62,R65
RES MF 1.0 K 1/10W 5% 0805	8	R1,R3,R52,R56,R59,R63,R80,R89
RES TRIMMER 10K 1/4W 20% SINGLE TURN SEALED SMD	1	R41
RNET ISO 4 18K 1/16W 5% 1206	1	RP27
DIODE SCH PWR RECT 3A 40V SMC	5	D13,D15,D16,D20,D22
SW SPST KEY MOM NO PB 50V 25MA TH	1	SW6
SW SPST KEY MOM NO PB 50V 25MA TH	3	SW2,SW3,SW5
SW SPST DIP 12 POSITION -- -- TH	1	SW7
SW DPST RA SLD 30V 1A TH	1	SW4
SW SPDT TGL MINI TH 1AMP 250 VAC	1	SW1
CON RJ-45 WITH XFMR 10/100 BASE-T RJ-45 SGL PORT TH	1	J2
OSC 25.000MHZ FIXED 3-3.6V DIP 14	1	U23
IC MEM FLASH 2MX8 65NS 3-3.6V SO 44	1	
DOCUMENT, BASELINE REQUIREMENTS FOR HOT SOLDER DIP TO BE APPLIED TO 334-30074.	1	