

Pri	CPU Side: TOP	IAC PN	Qty	REFDESIG	Component Description In The System
	BOTTOM	60100710120Z	2	C619,C621	CAP-MLCC,GP,101,J,50V,0603,NPO,MURATA
	BOTTOM	60100710302T	2	C263,C43	CAP-MLCC,GP,103,K,16V,0402,MURATA
	TOP	60100710302T	1	C46	CAP-MLCC,GP,103,K,16V,0402,MURATA
	TOP	6010A0007901	2	C320,C321	CAP-MLCC,GP,270,J,50V,0402,C0G,MURATA
	TOP	6010A0073801	1	C88	CAP-MLCC,GP,390,J,50V,0402,C0G,MURATA
	TOP	6010A0073201	1	C89	CAP-MLCC,GP,330,J,50V,0402,C0G,MURATA
	BOTTOM	6010A0009701	2	C203,C205	CAP-MLCC,GP,221,K,50V,0402,X7R,MURATA
	BOTTOM	6010A0010401	2	C622,C623	CAP-MLCC,GP,100,J,50V,0402,C0G,MURATA
	TOP	6010A0010401	4	C300,C301,C302,C313	CAP-MLCC,GP,100,J,50V,0402,C0G,MURATA
	TOP	6010A0010801	3	C80,C91,C97	CAP-MLCC,GP,470,J,50V,0402,C0G,MURATA
	BOTTOM	6010A0011001	18	C603,C900,C901,C940,C942,C943,C94	CAP-MLCC,GP,102,K,50V,0402,X7R,MURATA
	TOP	6010A0011001	3	C102,C938,C441	CAP-MLCC,GP,102,K,50V,0402,X7R,MURATA
	BOTTOM	6010A0012201	2	C81,C82	CAP-MLCC,GP,180,J,50V,0402,C0G,MURATA
	TOP	6010A0012201	1	C983	CAP-MLCC,GP,180,J,50V,0402,C0G,MURATA
	BOTTOM	6010A0028701	2	C753,C754	CAP-MLCC,GP,225,K,6.3V,0603,X5R,TDK
	BOTTOM	6010A0040631	14	C100,C113,C20,C209,C267,C286,C29	CAP-MLCC,GP,106,K,6.3V,0805,H=0.85mm,X5R,SAMSUNG
	TOP	6010A0040631	10	C931,C902,C722,C720,C718,C303,C10	CAP-MLCC,GP,106,K,6.3V,0805,H=0.85mm,X5R,SAMSUNG
	BOTTOM	6010A0049101	1	C425	CAP-MLCC,GP,475,K,6.3V,0603,X5R,MURATA
	TOP	6010A0066701	2	C105,C249	CAP-MLCC,GP,475,K,10V,0805,X5R,MURATA
	BOTTOM	6010A0098801	2	C202,C204	CAP-MLCC,GP,102,J,50V,0402,C0G,MURATA
	BOTTOM	6010A0098901	73	C919,C918,C914,C911,C909,C908,C90	CAP-MLCC,GP,104,K,16V,0402,X7R,MURATA
	TOP	6010A0098901	27	C108,C110,C248,C305,C306,C308,C30	CAP-MLCC,GP,104,K,16V,0402,X7R,MURATA
	BOTTOM	6010A0099201	2	C83,C910	CAP-MLCC,GP,105,K,6.3V,0402,X5R,MURATA
	BOTTOM	6010A0100201	14	C72,C924,C939,C941,C947,C949,C950	CAP-MLCC,GP,226,M,6.3V,0805,X5R,MURATA
	TOP	6010A0100201	12	C723,C724,C956,C964,C967,C968,C96	CAP-MLCC,GP,226,M,6.3V,0805,X5R,MURATA
	BOTTOM	6010A0106301	1	C288	CAP-MLCC,GP,104,K,50V,0603,X7R,MURATA
	TOP	6010A0106301	2	C285,C287	CAP-MLCC,GP,104,K,50V,0603,X7R,MURATA
	TOP	6010A0114921	1	C63	CAP-MLCC,GP,153,K,16V,1.0x0.5,H=0.55mm,0402,X7R,MURATA
	TOP	6010A0119211	2	C747,C7	CAP-MLCC,GP,106,K,10V,0805,X5R,MURATA
	BOTTOM	6010A0153401	9	C972,C971,C107,C77,C68,C65,C58,C4	CAP-MLCC,GP,225,M,6.3V,0402,X5R,MURATA
	TOP	6010A0153401	3	C977,C976,C752	CAP-MLCC,GP,225,M,6.3V,0402,X5R,MURATA
	BOTTOM	6010A0202001	1	C8	CAP-MLCC,GP,106,K,16V,2.0x1.25,H=1.35mm,X5R,MURATA
	BOTTOM	6010A0221201	3	C727,C728,C751	CAP-MLCC,GP,105,K,16V,0603,H=0.8mm,X5R,SAMSUNG
	TOP	6010A0221201	2	C434,C750	CAP-MLCC,GP,105,K,16V,0603,H=0.8mm,X5R,SAMSUNG

1	BOTTOM	6010A0276001	3	C430,C431,C440	CAP-MLCC,GP,226,M,10V,0805,20%,2.0x1.25,H=1.4mm,X5R,MURATA
	TOP	6010A0276001	11	C18,C27,C37,C56,C432,C429,C428,C4	CAP-MLCC,GP,226,M,10V,0805,20%,2.0x1.25,H=1.4mm,X5R,MURATA
	BOTTOM	6010A0421101	1	EC1	CAP-AL,GP,107,M,16V,6.6x6.6,H=7.0mm,-25~+105C,NICHICON
	BOTTOM	6010A0421201	2	C738,C741	CAP-TANT,GP,475,M,25V,3.5x2.8,H=2.1mm,X7R,NICHICON
	TOP	6010A0075401	2	C984,C985	CAP-MLCC,GP,6R8,C,50V,0402,C0G (+/-0.25pF),MURATA
	TOP	6011A0080301	1	LED5	DIODE-LED,48-213UTD/S523/TR8,GP,0802,2PIN,WHT,EVERLIGHT
	BOTTOM	6011A0146701	2	D23,D25	DIODE-SCH,LMBR140T1G,GP,SOD123,2PIN,LRC
	TOP	6011A0146701	1	D26	DIODE-SCH,LMBR140T1G,GP,SOD123,2PIN,LRC
	BOTTOM	6011A0197201	5	TVS611,TVS612,TVS613,TVS614,TVS	DIODE-TVS,AOZ8831DI-05,GP,DFN1006,2PIN,BLK,ALPHA (AOS)
	BOTTOM	6011A0197401	1	U914	DIODE-TVS,TPD4S010DQAR,GP,SON,10PIN,BLK,TI
	BOTTOM	6011A0199401	1	IR1	DIODE-IR,IRM-V538-TR1,GP,5.3x3.8x2.65,4PIN,BLK,EVERLIGHT
	BOTTOM	6012A0275001	1	CON2	CONN,GU073-5P-SD-E1500,GP,FM,5PIN,SMD,TAP,MICRO USB,LS
	TOP	6012A0372201	1	J31	CONN,3708K-Q03N-01E,GP,FM,3PIN,SMD,TAP,WTB,E&T
	BOTTOM	6012A0373001	1	J27	CONN,HM19A-BF011-JRS1,GP,FM,19PIN,SMD,TAP,HDMI,合陵HELING
	TOP	6013A0026401	1	R67	RES-CHIP,GP,3.9K,0402,1%,1/16W,RALEC
	TOP	6013A0073901	8	R910,R911,R912,R917,R925,R926,R92	RES-CHIP,GP,0ohm,0201,5%,1/20W,RALEC
	BOTTOM	6013A0102001	1	R331	RES-CHIP,GP,22ohm,0603,5%,1/10W,RALEC
	TOP	6013A0102001	1	R329	RES-CHIP,GP,22ohm,0603,5%,1/10W,RALEC
	TOP	6013A0125611	1	R828	RES-CHIP,GP,220ohm,0603,5%,1/10W,RALEC
	BOTTOM	6013A0128901	10	R122,R216,R217,R33,R36,R38,R41,R4	RES-CHIP,GP,10K,0402,1%,1/16W,RALEC
	TOP	6013A0128901	3	R258,R55,R287	RES-CHIP,GP,10K,0402,1%,1/16W,RALEC
	BOTTOM	6013A0131201	4	R633,R634,R635,R816	RES-CHIP,GP,2.4K,0402,5%,1/16W,RALEC
	BOTTOM	6013A0133801	1	R309	RES-CHIP,GP,12.1K,0402,1%,1/16W,RALEC
	TOP	6013A0144501	1	R17	RES-CHIP,GP,150K,0402,1%,1/16W,RALEC
	TOP	6013A0148401	2	R61,R72	RES-CHIP,GP,15K,0402,5%,1/16W,RALEC
	BOTTOM	6013A0149401	1	R181	RES-CHIP,GP,1.8K,0402,5%,1/16W,RALEC
	TOP	6013A0149401	1	R180	RES-CHIP,GP,1.8K,0402,5%,1/16W,RALEC
	BOTTOM	6013A0151301	2	R345,R346	RES-CHIP,GP,2.2K,0402,5%,1/16W,RALEC
	BOTTOM	6013A0151401	10	R123,R156,R310,R348,R349,R58,R76,	RES-CHIP,GP,4.7K,0402,5%,1/16W,RALEC
	TOP	6013A0151401	9	R916,R822,R821,R806,R805,R56,R54,	RES-CHIP,GP,4.7K,0402,5%,1/16W,RALEC
	BOTTOM	6013A0153511	1	R249	RES-CHIP,GP,4.99k,0402,1%,1/16W,RTT024991FTH,RALEC
	TOP	6013A0154531	1	R19	RES-CHIP,GP,90.9K,0402,1%,1/16W,RALEC
	BOTTOM	6013A0172701	1	R631	RES-CHIP,GP,10ohm,0402,5%,1/16W,RALEC
	TOP	6013A0172701	9	R267,R268,R269,R270,R271,R272,R27	RES-CHIP,GP,10ohm,0402,5%,1/16W,RALEC
	BOTTOM	6013A0176201	2	R50,R941	RES-CHIP,GP,0ohm,0603,5%,1/10W,RALEC
	TOP	6013A0176201	5	R28,R48,R51,R64,R66	RES-CHIP,GP,0ohm,0603,5%,1/10W,RALEC

BOTTOM	6013A0179601	11	R903,R901,R819,R761,R392,R279,R261,R188	RES-CHIP,GP,1K,0402,1%,1/16W,RALEC
TOP	6013A0179601	4	R841,R842,R844,R188	RES-CHIP,GP,1K,0402,1%,1/16W,RALEC
BOTTOM	6013A0179701	2	R303,FB7	RES-CHIP,GP,0ohm,0805,5%,1/8W,RALEC
TOP	6013A0179701	1	FB6	RES-CHIP,GP,0ohm,0805,5%,1/8W,RALEC
BOTTOM	6013A0180101	3	R810,R818,R922	RES-CHIP,GP,20K,0402,1%,1/16W,RALEC
TOP	6013A0180101	4	R20,R263,R920,R921	RES-CHIP,GP,20K,0402,1%,1/16W,RALEC
BOTTOM	6013A0183401	2	R417,R420	RES-CHIP,GP,100ohm,0402,5%,1/16W,RALEC
TOP	6013A0183401	1	R75	RES-CHIP,GP,100ohm,0402,5%,1/16W,RALEC
BOTTOM	6013A0184701	7	R814,R610,R284,R255,R253,R252,R101	RES-CHIP,GP,47K,0402,5%,1/16W,RALEC
TOP	6013A0184701	6	R251,R254,R256,R29,R915,R190	RES-CHIP,GP,47K,0402,5%,1/16W,RALEC
BOTTOM	6013A0185101	3	R636,R759,R760	RES-CHIP,GP,470K,0402,5%,1/16W,RALEC
BOTTOM	6013A0185201	2	R12,R37	RES-CHIP,GP,470ohm,0402,5%,1/16W,RALEC
TOP	6013A0185201	1	R11	RES-CHIP,GP,470ohm,0402,5%,1/16W,RALEC
BOTTOM	6013A0186101	12	R101,R103,R120,R261,R318,R324,R347	RES-CHIP,GP,0ohm,0402,5%,1/16W,RALEC
TOP	6013A0186101	13	R942,R923,R313,R278,R277,R276,R636	RES-CHIP,GP,0ohm,0402,5%,1/16W,RALEC
BOTTOM	6013A0186701	6	R114,R158,R163,R164,R215,R347	RES-CHIP,GP,22ohm,0402,5%,1/16W,RALEC
TOP	6013A0186701	3	R283,R282,R281	RES-CHIP,GP,22ohm,0402,5%,1/16W,RALEC
BOTTOM	6013A0188401	4	R16,R21,R265,R30	RES-CHIP,GP,100K,0402,1%,1/16W,RALEC
TOP	6013A0188401	3	R24,R31,R32	RES-CHIP,GP,100K,0402,1%,1/16W,RALEC
BOTTOM	6013A0191001	1	R758	RES-CHIP,GP,4.7k,0402,1%,1/16W,RALEC
BOTTOM	6013A0193011	1	R627	RES-CHIP,GP,75ohm,0603,5%,1/10W,RALEC
TOP	6013A0197801	1	R340	RES-CHIP,GP,220ohm,0402,5%,1/16W,RALEC
TOP	6013A0202921	2	R189,R918	RES-CHIP,GP,26.1K,0402,1%,1/16W,RTT022612FTH,RALEC
BOTTOM	6013A0234211	2	R900,R905	RES-CHIP,GP,150ohm,0402,1%,1/16W,RALEC
BOTTOM	6013A0234901	1	R260	RES-CHIP,GP,200ohm,0402,1%,1/16W,RALEC
BOTTOM	6013A0253801	1	R179	RES-CHIP,GP,27K,0402,5%,1/16W,RALEC
TOP	6013A0253801	1	R264	RES-CHIP,GP,27K,0402,5%,1/16W,RALEC
BOTTOM	6013A0255711	1	R632	RES-CHIP,GP,330ohm,0402,1%,1/16W,RALEC
TOP	6013A0279301	2	R47,R288	RES-CHIP,GP,75K,0402,0.1%,1/16W,RALEC
BOTTOM	6013A0281901	2	R250,R803	RES-CHIP,GP,604ohm,0402,1%,1/16W,RALEC
TOP	6013A0281901	3	R804,R813,R815	RES-CHIP,GP,604ohm,0402,1%,1/16W,RALEC
BOTTOM	6013A0340821	2	R70,R71	RES-CHIP,GP,6.65K,0402,1%,1/16W,RALEC
TOP	6013A0372011	4	R305,R306,R307,R308	RES-CHIP,GP,49.9ohm,0603,1%,1/10W,RTT0349R9FTP,RALEC
BOTTOM	6013A0396211	4	R909,R908,R906,R902	RES-CHIP,GP,240ohm,0402,1%,1/16W,RALEC
TOP	6013A0396211	1	R907	RES-CHIP,GP,240ohm,0402,1%,1/16W,RALEC
TOP	6013A0487001	1	R46	RES-CHIP,GP,49.9K,0402,0.1%,1/16W,RALEC
TOP	6013A0487101	1	R49	RES-CHIP,GP,127K,0402,1%,1/16W,RALEC

1	BOTTOM	6013A0487201	2	R391,R62	RES-CHIP,GP,43.2ohm,0402,1%,1/16W,RALEC
	TOP	6013A0487301	1	R919	RES-CHIP,GP,2K,0805,5%,1/8W,RALEC
	BOTTOM	6014A0059101	4	FB13,FB202,FB21,FB22	BEAD,BLM21AG601SN1,GP,600ohm,0805,MURATA
	TOP	6014A0059101	4	FB201,FB303,FB701,FB901	BEAD,BLM21AG601SN1,GP,600ohm,0805,MURATA
	BOTTOM	6014A0180201	1	L401	FILTER,ACM2012-900-2P-T,GP,100MHz,4P,TDK
	TOP	6014A0345601	5	L2,L3,L4,L5,L6	IDUT,LQH44PN2R2MP0L,GP,2.2uH,20%,4.0x4.0x1.65,MURATA
	BOTTOM	6014A0364601	1	L614	IDUT,LQM18NN1R8K00D,GP,1.8uH,10%,0603,MURATA
	BOTTOM	6014A0364701	2	FB5,FB9	BEAD,MPZ2012S601A,HF,600ohm,0805,TDK
	TOP	6014A0364701	5	FB1,FB10,FB11,FB12,FB8	BEAD,MPZ2012S601A,HF,600ohm,0805,TDK
	TOP	6014A0364901	5	L2/3/4/5/6备选替代物料	IDUT,VLS4012ET-2R2M,GP,2.2uH,20%,4.0x4.0x1.2,TDK
2	BOTTOM	6015A0043821	1	Q19	TRAN,LMBT3904LT1G,GP,SOT23,LRC
	TOP	6015A0043821	4	Q10,Q16,Q2,Q200	TRAN,LMBT3904LT1G,GP,SOT23,LRC
	TOP	6015A0085601	1	Q3	TRAN,LMBT3906LT1G,GP,SOT23,LRC
	BOTTOM	6015A0115801	3	Q18,Q38,Q20	TRAN,LP2301LT1G,GP,SOT23,LRC
	TOP	6015A0115801	3	Q15,Q37,Q900	TRAN,LP2301LT1G,GP,SOT23,LRC
	BOTTOM	6015A0115901	1	D7	TRAN-FET,LBAT54SLT1G,GP,SOT23,LRC
	TOP	6015A0116001	1	D6	TRAN-FET,LR431ATLT1G,GP,SOT23,LRC
	TOP	6015A0117001	1	D2	TRAN-FET,LBAT54CLT1G,GP,SOT23,LRC
	TOP	6018A0035101	1	Y1	X'TAL,MC-146,GP,32.768KHz,20PPM,12.5PF,Epson
	TOP	6018A0104001	1	Y402	X'TAL,E3SB25.0000F20E33,GP,25MHz,30PPM,20pF,HOSONIC
2	TOP	6018A0104101	1	Y2	X'TAL,E3SB24.0000F18E11,GP,24MHz,10PPM,18pF,HOSONIC
	BOTTOM	6019A0715201	1	U10 flash备选替代物料	IC-MEMORY,K9GBG08U0A-SCB0,GP,TSOP,TAP,32Gb,2.7V~3.6V,48PIN,SAMSUNG
	BOTTOM	6019A0818501	1	U924	IC-DRIVER,DRV632PWR,GP,TSSOP,TAP,14PIN,TI
	TOP	6019A0829101	1	U1	IC-POWER,TPS54218RTET,GP,QFN,TAP,16PIN,TI
	TOP	6019A0829401	1	U300	IC-POWER,LAN8720A-CP-TR,GP,QFN,TAP,24PIN,SMSC
	BOTTOM	6019A0829501	1	U916	IC-ESD,TPD12S521DBTR,GP,TSSOP,TAP,38PIN,TI
	TOP	6019A0829601	1	U904	IC-LDO,SGM2019-3.3YN5G/TR,GP,SOT23,TAP,5PIN,SGMICRO
	TOP	6019A0829701	1	U925	IC-LOGIC,TS5USBA224RSWR,GP,QFN,TAP,10PIN,TI
	TOP	6019A0829801	1	U922	IC-SW,TPS2553DBVT,GP,SOT23,TAP,6PIN,TI
	BOTTOM	6019A0829901	1	U912	IC-LDO,SGM2019-2.5YN5G/TR,GP,SOT23,TAP,5PIN,SGMICRO
1	BOTTOM	6019A0830001	1	U14	IC-RESET,TLV809L30DBVT,GP,SOT23,TAP,3PIN,TI
	TOP	6019A0830201	4	U900,U901,U902,U903	IC-MEMORY,H5TQ2G83CFR-H9C,GP,FBGA,TRAY,2GB,1.5V,78PIN,HYNIX
1	TOP	6019A0830901	3	U2,U3,U4	IC-LDO,SY8008BAAC,GP,SOT23,TAP,5PIN,SILERGY
	BOTTOM	6019A0833401	1	U10	IC-MEMORY,MT29F32G08CBACAWP,GP,TSOP,TAP,32Gb,2.7V~3.6V,48PIN,MICRON
	BOTTOM	6026A0082501	1	CON600	PHONEJACK,5090006-39E-R,GP,6PIN,12x5.1x3.1,SMD,TAP,30V,ASTRON
	BOTTOM	6026A0111401	1	CON300	RJ45,MJ86-B111-RVS1,GP,8PIN,22.50x15.30x11.35,SMD,TAP,HELING
	BOTTOM	6026A0111901	1	J1	DC-JACK,DS-420-1.3(G),GP,4PIN,9.3x8.0x5.3,SMD,TAP,5V,QunDa

TOP	6042A0085201	1	U917	MODULE,RL-UM12BS,GP,WLAN,RF-LINK
TOP	6050A0230405	1	PCBADK001-A外挂硬盘PCB(DKTB06-EE-AC)	PCB,GP,DB1010A,MB,05,6,FR4,90.7x89.2x1.2,GULTECH
TOP	6Y08A0001101	1	U6	IC-CPU,AML8726-M3,GP,LFBGA,DK6011,Amlogic
TOP	6014A0071301	1	C933	Multilayer Chip Inductor,3.3nH,0402,LL1005-FHL3N3S
TOP	6Y08A0003401	1	T1	SmaillShildingSMT(WiFiSection),22.86*27mm, XinChuang
TOP	6Y08A0003201	1	T2	BigShidlingSMT(CPU/DDRSection), 47.55*46.89mm, XinChuang
TOP	6019A0845501	1	U926	IC-BOOST,SY7112ABC,GP,SOT23,TAP,6PIN,x,SILERGY