

Model: 75028XXXX Series BOM

Object description	Item text line 1	Item text line 2
HB03R PCBA FINAL		
DIODE SCHOTTKY BAS85 SMD SOD80 PHILIPS	D6	
R SMD 1M OHM 1% 0402 CF	R131 R113	
R SMD 160K OHM 5% 0402 CF	R46	
R Rohs SMD 220 OHM 5% 0402 CF	R163 R164 R165	
R SMD 39 OHM 5% 0402 CF	R1	
R SMD 47K OHM 1% 0402 CF	R130	
R SMD 470K OHM 1% 0402 CF	R133 R115	
THERMISTOR 100K 1% TH11-4H104F 0.3W	TH2	
C CER SMD 100pF 5% NPO 50V 0402 MURATA	C55 C58 C59 C72 C86 C199 C198 C200 C157	C205 C206 C209 C210 C202
C CER BSD SMD 10uF +80/-20% Y5V 0805 TDK	EC1 EC2 EC4 EC5 EC6 EC7 EC8 EC9 EC10	EC11 EC14 C36
C CER SMD 1200PF 10% X7R 50V 0402	C79 C80	
C CER 0.22uF +80-20% Y5V 16V 0805 MURATA	C16	
C CER SMD 27PF +-5% NPO 50V 0402 MUR	C38	
C CER SMD 47PF 5% NPO 50V 0402	C215	
C CER SMD 470nF +80%-20% Y5V 10V 0402 MU	C166 C121 C150 C154 C91	
C CER SMD 82pF 5% NPO 50V 0402 MURATA	C43 C212	
L 33NH 10% 0402 CLHI005T-33NK-S CHILISIN	L11	
COIL 1.7MM 2TURN DIA=0.4MM HAN TELECOM	L9 L10	
XTAL 6MHZ 20PPM 10PF TF39 AUSTINS	X4	
IC TAR5S35 REG 3.5V SOT23 (5PIN) TOSHIBA	U9	
VC TZVY2Z100A110 10pF SMD 2mm MURATA	VC1	
SW TACT TSC-063103E-150	SW1	
WIRE 0030mm BLACK UL AWG26	BATT PLATE(-)	
WIRE 0030mm RED UL AWG32	MIC+	
C ELE ROHS 100UF 10V 20% MINT	EC12	
R SMD 100K OHM 1% 0402 CF	R114	
CER SMD 2.7PF +-0.1PF COG 50V 0402	C18	
C CER 4.7uF 80% -20% SMD 10V 0805 Y5V	C3 C146	
C TANT SMD 100uF 20% 6V3 TAJB107M006RNJ	EC3	
L 56NH 10% 0402 CLHI005T-56NK-S CHILISIN	L13	
IC PAS109BQA CMOS SENSOR PIXART EN	U2	
AJACK LT2500C 2.5mm SMT LEAD CENTURY	J2	
LED KPT-2012SGC GREEN GAP SMD KINGBRIGHT	LED1	
R ROHS SMD 0 5% 0603 1/16W	R200	
R SMD 820K 1% 0402 CF	R112	
C CER ROHS2 3300pF 10% X7R 50V 0402 MURA	C67	
C CER SMD 56pF 5% NPO 50V 0402 MUR	C159	
L 27NH 10% 0402 CLHI005T-27NK-S CHICISIN	L1 L5	
COIL 1.7MM 3TURN DIA=0.4MM HAN TELECOM	L2 L3 L8 L14	
COIL 1.15mm 4T WIRE DIA=0.4mm FINE	L7	
HB001 2ndFRS MCU V8C JT5BR6-6Fu4(Z) B052	U8	
R ROHS 680 OHM 5% 0603 CF	R109	
COIL 1.7MM 4TURN DIA=0.4MM HAN TELECOM	L4	
C CER 0.1uF 10% X7R 16V 0402 MURATA	C12 C22 C48 C56 C60 C62 C63 C64 C69 C73	C74 C96 C103 C104 C106 C108 C109
L 1.8uH 5% AXIAL CNCS-1R8K HANTEC	L12	
R Rohs SMD 0 OHM 5% 0402 CF	R106 L6 R15 RR2 R180 CON3 CON5	CON12 CON13
R Rohs SMD 4.7K OHM 5% 0402 CF	R138 R17 R60 R166 R176	
R Rohs SMD 47K OHM +-5% 0402	R24 R28 R49 R69	
R ROHS SMD 470K OHM 5% 0402 CF	R35 R84 R85 R86 R87 R160	

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R ROHS 3.9K OHM 5% 0402 CF	R37	
R Rohs SMD 5.6K OHM 5% 0402 CF	R11 R47 R48 R144	
R SMD 1.2K OHM 5% 0402 CF	R7	
R ROHS SMD 12K OHM 5% 0402 CF	R56 R41 R167	
R ROHS 120K OHM 5% 0402 CF	R100 R170	
R Rohs SMD 1.2M OHM 5% 0402 CF	R124	
R SMD 120 OHM 5% 0402 CF	R5 R12	
R Rohs SMD 560 OHM 5% 0402 CF	R2	
R ROHS SMD 56K OHM 5% 0402 CF	R8 R141 R103 R52	
R SMD 560K OHM 5% 0402 CF	R38 R40 R61 R152	
R Rohs SMD 180 OHM 5% 0402 CF	R175	
R ROHS SMD 18K OHM 5% 0402 CF	R75 R74	
R Rohs SMD 2K OHM 5% 0402 CF	R13	
R Rohs SMD 2.2K OHM 5% 0402 CF	R21 R57 R68 R59 R158 R159 R173	
R Rohs SMD 22K OHM 5% 0402 CF	R10 R54	
R Rohs SMD 220K OHM 5% 0402 CF	R20 R104 R161 R145 R44 RR1	
R ROHS SMD 100 OHM 5% 0402 CF	R19	
R Rohs SMD 1K OHM 5% 0402 CF	R14 R153 R172 R162	
R Rohs SMD 10K OHM 5% 0402 CF	R73 R119 R140 R150 R151 R45 R171	R70 R169 R43
R Rohs SMD 100K OHM 5% 0402 CF	R42	
R Rohs SMD 100K OHM 5% 0402 CF	R156 R157 R39 R181	
R SMD 560K 1% 0402 CF	R111	
R Rohs SMD 100K OHM 5% 0402 CF	R116 R117 R121 R122 R91 R92 R105	R123 R142 R110 R155 R135
R ROHS SMD 1M OHM 5% 0402 CF	R120	
R SMD 10M OHM 5% 0402 CF	R27 R143	
R SMD 10M OHM 5% 0402 CF	R101 R63	
R SMD 15 OHM 5% 0402 CF	R26	
R ROHS SMD 150K OHM 5% 0402 CF	R64 R66	
R SMD 1.5M OHM 5% 0402 CF	R139	
R SMD 2.4M OHM 5% 0402 CF	R34	
R ROHS SMD 27K OHM 5% 0402 CF	R3	
R SMD 2.4K OHM 5% 0402 CF	R25	
R SMD 24K OHM 5% 0402 CF	R4	
R Rohs SMD 8.2K OHM 5% 0402 CF	R55	
R ROHS SMD 82K OHM 5% 0402 CF	R147	
R Rohs SMD 510 OHM 5% 0402 CF	R6	
R Rohs SMD 33K OHM +-5% 0402	R9 R76 R82 R83 R67	
R SMD 330K OHM 5% 0402 CF	R32 R126	
R SMD 33 OHM 5% 0402 CF	R16	
R ROHS SMD 390K OHM 5% 0402 CF	R33	
R Rohs SMD 270K OHM 5% 0402 CF	R108 R118 R125 R154 R107 R58	
ROHS SMD 20K OHM 5%B 0402 CF	R29 R30	
R SMD 2M OHM 1% 0402 CF	R132	
R ROHS SMD 680 OHM 5% 0402 CF	R22	
R Rohs SMD 6.8K OHM 5% 0402 CF	R36	
R Rohs SMD 68K OHM 5% 0402 CF	R62 R88	
R SMD 7.5K OHM 5% 0402 CF	R18	
R ROHS SMD 75K OHM 5% 0402 CF	R65	
R SMD 3K OHM 5% 0402 CF	R89 R102	
R SMD 30K OHM 5% 0402 CF	R71 R72	
C-RES 3M OHM +/-5% 1/16W 0402	R53	
DIODE ROHS2 LL4148 ROUND TAPING SEMTECH	D5 D8 D9 D10 D11 D12 D16 D13 D14 D15	

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DIODE BB179 SOD523 PHILIPS	D1	
DIODE BA277 SOD523 PHILIPS	D2 D3 D4	
L 3.3uH 10%SMD CL201212T-3R3K-S CHILISIN	L15 L17	
FIL CER 10.7MHZ H=7mm PBW=110KHz INTERQU	CF2	
FIL CER LTM450HTU 450KHz+/-3KHz SHOULDER	CF1	
TR 2SC5086(O) NPN (ESM) REEL TOSHIBA	Q5 Q6	
TR 2SC5086Y NPN (SSM) REEL TOSHIBA	Q7 Q8 Q1	
TR 2SC4226(R25) NPN REEL NEC	Q2 Q3 Q4	
TR KRA305E PNP ESM KEC	Q12 Q13	
TR KRC404E NPN ESM KEC	Q25	
TR MMBT3906 PNP SMD(SOT- 23) REEL	Q22 Q23 Q20 Q11	
CERAMIC DISCRIMINATOR CDB450C3 SHOULDER	CD1	
THERMISTORS 100 OHM 0603 0.1W 5% MURATA	TH1	
C CER 1uF +8% -20% Y5V 10V 0603 TDK	C11 C13 C92 C111 C112 C113 C115 C118	C148 C137 C167 C171 C211
C CER SMD BSD 1uF +80-20% Y5V 6.3V 0402	C70 C94	
C CER ROHS3 SMD 1500PF 10% 50V 0402 MUR	C27	
C CER BSD SMD 0.01uF 10% X7R 50V 0402	C61 C81 C155 C82 C160 C162 C203 C204	
C CER SMD 12PF 2% NPO 50V 0402 MUR	C31 C32 C68 C142 C143	
C CER SMD 6pF +-0.25pF NPO 50V 0402 MUR\$	C24 C29	
C CER 7pF +-0.25pF 50V 0402 NPO MURATA	C1 C57	
C CER 0.1uF 10% X7R 16V 0402 MURATA	C114 C116 C117 C119 C141 C144 C145 C95	C147 C102 C105 C110 C139 C165 C138 C207
C CER 0.1uF 10% X7R 16V 0402 MURATA	C169 C140 C214	
C CER SMD 4PF +/-0.25PF NPO 50V 0402 MUR	C8 C28 C30	
C CER BSD 22PF 5% SMD 50V 0402 MURATA	C39 C49 C40	
C CER BSD SMD 470PF 5% NPO 50V 0402 MUR	C45 C66	
C CER SMD 4700PF 10% X7R 50V 0603 MURATA	C176	
C CER SMD 47nF 10% X7R 16V 0402	C93 C201	
C CER SMD 470NF 10% X7R 16V 0805	C17	
C CER SMD 120PF 5% NPO 50V 0402	C89	
C CER SMD 5pF +-0.25pF NPO 50V 0402 MURA	C9 C51 C5	
C CER BSD SMD 1NF 10% X7R 0402 MURATA	C47 C188 C187	
C CER SMD 0.022uF X7R 16V 0402 MURATA	C90 C172 C173 C161 C163 C164 C158 C168	
C CER 0.22U +80% -20% Y5V 16V 0402	C83 C151 C101	
C CER SMD 10PF +-0.25PF 50V 0402 MURATA	C23 C42 C44	
C CER SMD 220PF +-5% NPO 50V 0402 MURATA	C10 C15 C19 C20 C21 C33 C34 C37 C41 C46	C52 C53 C98 C99 C100 C78 C149 C65
C CER SMD 2200pF 10% 50V X7R 0402 MUR	C152 C170	
C CER SMD 2pF +-0.25pF NPO 50V 0402 MURA	C2 C6	
C CER SMD 3PF +-0.25PF NPO 50V 0402 MUR	C7 C216	
C CER SMD 9PF +-0.25PF NPO 50V 0402 MUR\$	C50	
C CER SMD 150PF 5% NPO 50V 0402	C71	
C CER SMD 330PF 10% X7R 50V 0402	C77 C175 C156	
C CER SMD 33nF 10% 10V X7R 0402 MURATA	C76	
C CER SMD 1800pF 10% X7R 50V 0402 MURATA	C88	
C CER SMD 1pF +-0.25pF NPO 50V 0402 MURA	C4	
C CER SMD 1.8PF+-0.25PF NPO 50V 0402 TDK	C54	
C CER SMD 0.027uF 10% X7R 16V 0402	C84	
R SMD PVZ3A203A01R00 20K MURATA	VR1	
C CER SMD 39NF 10% 10V X7R 0402	C14	
IC AN6311FA COMBO CHIP QFP MATSUSHITA	U1	
IC LM324D OPAMP SOP 150 MIL TI	U4	

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IC ROHS LM358D SMD AMP T. I	U5	
IC MC34119L AUDIO AMP SOP UTC	U3	
FUSE 500MA 250V 3.6X10MM 3M500APILANSON	F1	
C. ELE 100uF 4X7 6.3V	EC13	
R ROHS SMD 680K OHM 5% 0402 CF	R31	
C CER SMD 8PF +-0.25PF NPO 50V 0402 MUR	C25	
C CER ROHS 30PF 5% NPO 50V 0402 MURATA	C75	
MIC ELE KT600500LF-60 -60dB 6X5mm KT	MIC1	
FPC FLAT CABLE ROHS2 HB003 KEY1	CON15	
FPC FLAT CABLE ROHS2 HB003 KEY2	CON16	
C CER SMD 15PF +-5% NPO 50V 0402 MURATA	C217	
PCB HB003 MAIN BOARD REV. F FR4		
SPK 160HM 1/4W 23mm TW-23038SC16H1-D CPC	SPK	
WIRE ROHS2 60MM BLACK UL AWG32	SP-	
WIRE 0060mm RED UL AWG32	SP+	
XTAL 10.25MHZ 10PPM SMD INTERQUIP	X1	
IC SA25F010 MEMORY 1M SOIC 8 PIN SAIFUN	U7	
TR ROHS 2N3904S NPN (SOT-23) REEL KEC	Q9 Q17 Q19 Q18 Q21 Q24 Q1	
HB03R HS KEY PCBA 5075		
C CER BSD SMD 100PF 5% NPO 50V 0603	C220	
PCB HB003 KEY BOARD FR4 VER. D		
HB03R FRS LCD PCBA 5075		
IC HB001 KB V5E HE84G762B-HE315H 38AE	U6	
C CER BSD SMD 10uF +80/-20% Y5V 0805 TDK	C124	
C CER 4.7uF 10% 0805 TDK	C122 C123 C127	
XTAL 6MHZ 20PPM 10PF TF39 AUSTINS	X2	
R Rohs SMD 820 OHM 5% 0402 CF	R174	
C CER SMD 100pF 5% NPO 50V 0402 MURATA	C97 C213	
C CER ROHS3 0.1uF X7R 10% 16V 0402	C125 C126 C128 C129 C130 C132 C197 C200	
C CER 1uF +8% -20% Y5V 10V 0603 TDK	C131	
R SMD 10K OHM 1% 0402 CF	R94	
R Rohs SMD 4.7K OHM 5% 0402 CF	R134	
R Rohs SMD 47K OHM +-5% 0402	R95 R96	
R Rohs SMD 0 OHM 5% 0402 CF	R98 R177	
R SMD 10M OHM 5% 0402 CF	R97 R99	
R Rohs SMD 220K OHM 5% 0402 CF	R129	
R ROHS SMD 150K OHM 5% 0603 CF	R93	
C CER SMD 10PF +-0.25PF 50V 0402 MURATA	C133 C134	
R ROHS SMD 15K OHM 5% 0603 CF	R310	
R ROHS SMD 18K OHM 5% 0603 CF	R310	
R SMD 20K OHM 5% 0603 CF	R310	
C CER BSD SMD 12PF 5% NPO 50V 0402 MUR	C135 C136	
R ROHS SMD 22K OHM 5% 0603 CF	R310	
R ROHS SMD 24K OHM 5% 0603 CF	R310	
R ROHS SMD 27K OHM 5% 0603 CF	R310	
R SMD 30K OHM 5% 0603 CF	R310	
R ROHS SMD 33K 5% 0603 CF	R310	
R ROHS SMD 10K OHM 5% 0603 CF	R310	
R ROHS SMD 39K 5% 0603 CF	R310	
R ROHS 47K OHM 5% 0603 CF	R310	
PCB HB003 LCD BOARD FR4 VER. C	PCB	
XTAL 32.768KHZ 20PPM 12.5PF TF38 AUSTINS	X3	
R SMD 200K OHM 5% 0402 CF	R145	
LCD HB001 WK-SZC 229-RG-C WINTEK	LCD1	