

Bill of Materials

File NO:	PT360_REV13_BOMV01_201600606								
Senders Name:		person approving		Develop date: 2016-03-29		revised date: 2016-06-06		REV:01	
NO	trademark	material code	material name	description	UNIT	QTY	Location	mounting	remark
1		A01-00X6-04	PCB iT_X6_V13	IT_X6_V13_20160606 1mm-0.1mm 43*36mm FR4	PCS	1			
2		A35-4703-01A	MLCC	0.47uF ±10% 16V X5R 0402	PCS	2	C211, C213	SMT	
3		A35-008A-01A	MLCC	0.8PF ±0.25pF 50V NPO 0402	PCS	1	C122	SMT	
4		A35-012A-01A	MLCC	1.2PF ±0.25pF 50V NPO 0402	PCS	3	C127, C134, C135	SMT	
5		A35-1001-02A	MLCC	1000PF ±10% 50V X7R 0402	PCS	3	C43, C54, C59	SMT	

6	A35-1003-01A	MLCC	100NF \pm 10% 25V X5R 0402	PCS	36	C3, C4, C16, C17, C18, C27, C28, C31, C33, C41, C49, C101, C110, C116, C117, C170, C176, C201, C202, C203, DC4, DC5, DC6, DC11, DC12, DC13, DC14, DC15, DC16, C39, C99, C121, C123, C126, C133, C157	SMT	
7	A35-1000-01A	MLCC	100PF \pm 5% 50V NPO 0402	PCS	3	C68, C72, C138	SMT	
8	A35-0100-01A	MLCC	10PF \pm 5% 50V NPO 0402	PCS	2	C129, C131	SMT	
9	A35-1005-02B	MLCC	10uF \pm 20% 6.3V X5R 0603	PCS	30	C36, C38, C40, C42, C45, C46, C50, C51, C52, C53, C55, C56, C57, C58, C69, C109, C119, C120, C132, C140, C142, C164, C171, C174, C204, C205, C212, CT1, DC1, DC8	SMT	
10	A36-1502-01A	MLCC	15NF \pm 10% 25V X5R 0402	PCS	2	C104, C105	SMT	
	A35-0150-01A	MLCC	15PF \pm 5% 50V NPO 0402		2	C128, C136		

11		A35-0180-01A	MLCC	18PF \pm 5% 50V NPO 0402	PCS	5	C24, C25, C29, C30, C124,	SMT	
12		A35-0010-01A	MLCC	1PF \pm 0.25pF 50V NPO 0402	PCS	1	C125	SMT	
13		A35-1004-03A	MLCC	1UF \pm 10% 16V X5R 0402	PCS	24	C14, C15, C34, C47, C61, C62, C64, C73, C137, C148, C156, C158, C160, C163, C165, C172, C173, C208, DC2, DC3, DC9, DC10, C106, C107	SMT	
14		A35-2204-02A	MLCC	2.2uF \pm 20% 6.3V X5R 0402	PCS	2	C103, C214	SMT	
19		A35-0470-01A	MLCC	47PF \pm 5% 50V NPO 0402	PCS	4	C44, C100, C206, C209	SMT	
20		A37-33AA-01B	resister	0.03R \pm 1% 1/10W 0603	PCS	1	R10	SMT	
22		A37-0000-01A	resister	0R \pm 1% 1/16W 0402	PCS	9	R2, R4, R100, R117, R146, R151, R155, FB9, R21	SMT	
23		A38-1501-05A	resister	1.5K \pm 5% 1/16W 0402	PCS	2	R153, R154	SMT	
25		A37-1003-01A	resister	100K \pm 1% 1/16W 0402	PCS	8	R6, R8, R69, R70, R71, R114, R145, R87	SMT	
26		A38-1000-05A	resister	100R \pm 5% 1/16W 0402	PCS	2	DR6, R9	SMT	
27		A37-1002-01A	resister	10K \pm 1% 1/16W 0402	PCS	1	R90	SMT	

28	A38-1002-05A	resister	10K \pm 5% 1/16W 0402	PCS	14	R24, R62, R63, R64, R66, R104, R105, R107, R109, R129, R130, R131, R149, R175	SMT	
29	A37-1005-01A	resister	10M \pm 1% 1/16W 0402	PCS	1	R1	SMT	
30	A37-1102-01A	resister	11K \pm 1% 1/16W 0402	PCS	1	R91	SMT	
50	A39-0220-05A	resister parks	22R \pm 5% 1/16W 8P4R 0402	PCS	3	RN1, RN20, RN21	SMT	
51	A39-1002-05A	resister parks	10K \pm 5% 1/16W 8P4R 0402	PCS	1	RN18	SMT	
52	A34-027C-01A	magnetic bead	2.7nH \pm 5% 0402	PCS	2	L11, L12	SMT	
53	A34-100B-01A	magnetic bead	10nH \pm 5% 0402	PCS	2	L10, L13	SMT	
54	A34-220C-01A	magnetic bead	2.2nH \pm 0.3nH 0402	PCS	1	L14	SMT	
55	A34-022A-01C	power inductor	2.2uH \pm 20% DCR<0.1R 1.5A 3015	PCS	2	L2, L8	SMT	
56	A34-047A-01C	power inductor	4.7uH \pm 20% DCR<0.1R 1.1A 3015	PCS	3	L1, L3, L4	SMT	
57	A23-2402-01B	crystal oscillator	24MHz CL=12PF \pm 10PPM SMD3225	PCS	1	X1	SMT	
58	A23-3201-02	crystal oscillator 32.768KHZ	32.768KHZ CL=12.5PF \pm 20PPM MC146	PCS	1	X2	SMT	
59	A23-4002-01B	crystal oscillator 40MHZ	40MHZ CL=15pF \pm 10PPM SMD3225	PCS	1	XTAL1	SMT	
60	A25-3904-01	transistor	MMBT3904 SOT-23	PCS	1	Q9	SMT	
61	A25-SN20-01	MOS transistor	BSN20 SOT23	PCS	2	Q10, Q11	SMT	
60	A07-4890-01	amplifier IC	LM4890 MSOP8	PCS	1	U13	SMT	
64	A09-6004-02	LDO IC	LDO IA6004-18S25F SOT23-5	PCS	1	U15	SMT	
65	A06-P209-01	IC	PMU AXP209 QFN48	PCS	1	U2	SMT	

66		A02-00V3-01	IC Allwinner V3	V3 TFBGA_259PIN_0.65mm	PCS	1	U1	SMT	
67		A05-8189-04	WIFI-IC	RTL8189 QFN32	PCS	1	U18	SMT	
68		A08-2002-01	DC-DC ic	IA2002-AS25F SOT23-5	PCS	2	U3, U27	SMT	
69		A08-5120-01	DC-DC ic	IA5120S26F SOT25-6	PCS	1	U5	SMT	
70		A04-D128-04B	DDR	Miron 128M16V69AG8GPF 128*16	PCS	1	DU1	SMT	
71		A03-F128-07	NOR FLASH	NOR FLASH 128Mbit MD25Q128SIG SOP-8	PCS	1	U7	SMT	
72		A15-0020-02	FPC connector	20PIN PH=0.5mm H=1.2mm After the pressure flip type	PCS	1	J5	SMT	
		A15-0026-01	FPC connector	26PIN PH=0.5mm H=1.5mm	PCS	1	CONN1	SMT	
73		A11-E952-01	HDMI ENCODER IC	EP952 LQFP64	PCS	1	U14	SMT	
74		A18-0012-02	HDMI SOCKET	micro HDMI D type	PCS	1	HDMI2	SMT	
75		A22-0002-05	MICRO USB socket	MICRO USB socket PH7.2mm	PCS	1	P1	SMT	
76		A21-0008-01	TF CARD	TF-510	PCS	1	SU1	SMT	
77		A29-0009-01A	tact Switch	tact switch 4*4*1.5mm SMD	PCS	2	K1, K2	SMT	
79		A19-0009-01	MIC	Φ4*1.5mm -42±3dB R=2.2kΩ WIRE:40mm	PCS	1	MIC1	hand solder	