

Révision : 01/12/2015 OM5578_PN7150S-210-00 CARTE : PN7150S NFC Controller Board Customer : NXP Done by ASCO SR	FCC ID: OWR0M5578-PN7150S	NXP Austria GmbH MikronWeg 1 GRATKORN AUSTRIA- 8101
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Reference	Value	PCB Footprint	Designation	Manufacturer	REF.Manufacturer
C1,C3,C6	1uF	c0402	Capacitor, 6.3V, 20%, X5R	MURATA	
C2	4.7uF	c0402	Capacitor, 6.3V, X5R	TDK	C1005X5R0J475K050BC
C7,C9	100nF	c0402	Capacitor,CER2,0402,X7R,16V,10%	MURATA	
C13,C14	680pF	C0603	Capacitor,0603,C0G,50V	MURATA	GRM1885C1H681JA01
C15,C16	22pF	C0603	Capacitor,0603,C0G,50V	MURATA	GRM1885C1H220JA01
C17,C18	2.2pF	C0603	Capacitor,0603,C0G,50V	MURATA	GRM1885C1H2R2CZ01
C19,C20	1nF/16V	C0603	Capacitor,CER2,0603,X7R,16V,10%		
C50,C51	120pF	C0603	Capacitor,0603,C0G,50V	MURATA	GRM1885C1H121JA01
C54,C55	56pF	C0603	Capacitor,0603,C0G,50V	MURATA	GRM1885C1H560JA01
C56,C57	10pF/50V	c0402	Capacitor,CER2,0402,C0G,50V,2%	MURATA	
L1,L2	160nH	self 0603	Chip,inductor,SMD,5%,0603	MURATA	LQW18CNR16J00D
L104	Antenna	ANTENNA 4T 40x40	***PRINTED BOARD***		
R1,R2	2.2K	R0603	Resistor,Package:0603,1%,1/16W		
R3,R7	0R	0402r	Resistor,Package:0402,1%,1/16W		
R4,R6,R23	NC	0402r	!!!NOT CONNECTED !!!		
R24,R32	100K	0402r	Resistor,Package:0402,1%,1/16W		
R53,R54	NC	R0603	!!!NOT CONNECTED !!!		
R55,R56	1R5	R0603	Resistor,Package:0603,1%,1/16W		
R73,R75	0R	R0603	Resistor,Package:0603,1%,1/16W		
SH1	Shield	shield PN7150 22X22	SHIELD	NXP	
TB1	NC	bar 1x3 MD	!!!NOT CONNECTED !!!		
TB2B,TB3B	FORK	AGPS1-06-BCZ-1MM3	Remove Header after soldering	ANTELEC	AGPS1-06-BCZ-1MM3
TB2,TB3	FORK	AGPS1-02-BCZ-1MM3	Remove Header after soldering	ANTELEC	AGPS1-02-BCZ-1MM3
U1	PN7150 HVQFN40	sot618-1 hvqfn40 050	NFC controller	NXP	
Y1	NX2016HA 27.12Mhz	NX2016AA	SURFACE MOUNT TYPE CRYSTAL UNITS	NDK	
1	BUBBLE1	BUBBLE_DIAM8	PN7150S_NFC_Controller_Printed_Circuit_Board:OM5578		