



PART NUMBER	DESCRIPTION		TECH DESIGN						
AFX-QCA6174-xx	AFX-QCA6174-xx : E-Key edge connector pin mapping - Drawing								
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DRAWING NUMBER	FINISH by	APVD by	MATERIAL by	UNITS in	DIMENSION	SIZE	SCALE	SHEET	
AEBPO-100221- 02	Andy	LT		mm	1PCL ±0.5 ANGLES ±5.	A4	1:1	1 OF 2	
RELEASE	Zone	NOTES	DRAWN	CHECKED	DATE				
1	1		AC	LT	2019-01-18				
2	1	Format adjustments	AC	LT	2019-12-12				

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PIN descriptions		PIN Definition Codes		PIN#	PIN#	PIN Definition Codes		PIN descriptions	
					75	GND		Ground	
	3.3V		3.3V	74	73	N/C		Open circuit	
	3.3V		3.3V	72	71	N/C		Open circuit	
	open circuit		N/C	70	69	GND		Ground	
	open circuit		N/C	68	67	N/C		Open circuit	
	open circuit		N/C	66	65	N/C		Open circuit	
	Wireless Lan transmitting enable		WL_TX_EN	64	63	GND		Ground	
	open circuit		N/C	62	61	N/C		Open circuit	
	open circuit		N/C	60	59	N/C		Open circuit	
	open circuit		N/C	58	57	GND		Ground	
	WiFi RF disable		W_DISABLE1_L	56	55	PEWAKE0_L		PCIE Wake up signal Low Active	
	BT RF disable		W_DISABLE2_L	54	53	CLKREQ0_L		PCIE Clock Request Low Active	
	PCIE reset Active Low		PERST0_L	52	51	GND		Ground	
	32KHz Clock in		SUSCLK	50	49	HST_PCIE_REFCLKN		PCIE Reference Clock Negative	
	LTE Coex Receive		LTE_COEX_RXD	48	47	HST_PCIE_REFCLKP		PCIE Reference Clock Positive	
	LTE Coex Transmit		LTE_COEX_TXD	46	45	GND		Ground	
	LTE Coex3/LTE Active		LTE_ACTIVE	44	43	HST_PCIE_TXN		PCIE Transmitting Negative	
	open circuit		N/C	42	41	HST_PCIE_TXP		PCIE Transmitting Positive	
	open circuit		N/C	40	39	GND		Ground	
	open circuit		N/C	38	37	HST_PCIE_RXN		PCIE Receiving Negative	
	UART CTS		UART_CTS	36	35	HST_PCIE_RXP		PCIE Receiving Positive	
	UART RTS		UART_RTS	34	33	GND		Ground	
	UART Receive		UART_RXD	32	31				
				30	29				
				28	27				
				26	25				
				24	23	N/C		Open circuit	
	UART transmit		UART_TXD	22	21	N/C		Open circuit	
	Host UART Wake		UART_Wake_HOST_L	20	19	DBG_UART_RXD		BT Debug UART Received	
	Ground		GND	18	17	DBG_UART_TXD		BT Debug UART Transmit	
	BT_LED_3P3 / WAKE_BT		BT_LED	16	15				
				14	13				
				12	11				
				10	9				
				8	7	GND		Ground	
	WiFi LED		WLAN_LED	6	5	BT_USB_DN		BT USB DATA -	
	3.3V		3.3V	4	3	BT_USB_DP		BT USB DATA +	
	3.3V		3.3V	2	1	GND		Ground	

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<b>DRAWING NUMBER</b> AEBPO-100221- 02	<b>FINISH by</b> Andy	<b>APVD by</b> LT	<b>MATERIAL by</b>	<b>UNITS in</b> mm	<b>DIMENSION</b> 1PCL ±0.5 ANGLES ±5.	<b>SIZE</b> A4	<b>SCALE</b> 1:1	<b>SHEET</b> 2 OF 2
<b>RELEASE</b>	<b>Zone</b>	<b>NOTES</b>	<b>DRAWN</b>	<b>CHECKED</b>	<b>DATE</b>			
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