

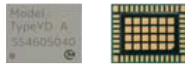
Murata wireless modules for IoT applications



Wi-Fi® + MCU

Type 1CD

PN: LBWA1ZV1CD-716 (imp003) *
CYW43362+STM Chipset



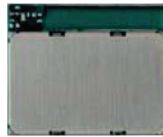
10 x 7.9 x 1.25 mm

- FCC/IC Reference Certified
- ARM Cortex M4

802.11b/g/n

Type 1HD/1MD/1VD

PN: LBWA1ZZ1HD-004 (WICED) *
PN: LBEE5ZZ1MD-011 (imp004m) *
PN: LBEE5ZZ1VD-223 (Ayla) *
CYW43438+STM Chipset



21.0 x 17.5 x 2.3 mm

- FCC/IC Certified
- ARM Cortex M4

802.11b/g/n

Type 1GC†

PN: LBWA1UZ1GC-958 (WICED)† *
PN: LBWA1UZ1GC-901 (imp005) *
CYW43907 Chipset



10.0 x 10.0 x 1.2 mm

- FCC/IC Reference Certified
- ARM Cortex M4
- Ethernet

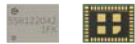
802.11 a/b/g/n

Featured in
Arrow
Quicksilver
IoT
evaluation
kit

Wi-Fi®

Type 1FX *†

PN: LBWA1KL1FX-875
CYW43364 Chipset



6.95 x 5.15 x 1.1 mm

- FCC/IC Reference Certified

802.11 b/g/n

Wi-Fi® + Bluetooth®

Type 1DX *†

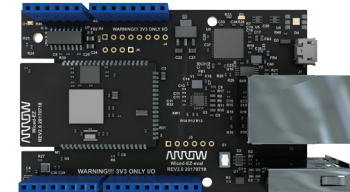
PN: LBEE5KL1DX-883
CYW4343W Chipset



6.95 x 5.15 x 1.1 mm

- FCC/IC Reference Certified

802.11 b/g/n + Bluetooth 4.1*



*Modules available at arrow.com

†Featured in Arrow Quicksilver IoT evaluation kit



†CE Marking Conformity Assessment Procedures are available

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Murata wireless modules for IoT applications



No MCU

Type	Part Number	RF IC	WLAN Spec						BT Ver.	Interface		Dimensions			Operating Temperature Range (°C)	Radio Certification		
			5			2.4				WLAN	BT I/F	L	W	H(max.)		FCC/IC	CE	JPN
			a	n	ac	b	g	n										
1FX	LBWA1KL1FX-875	CYW43364				✓	✓	✓	-	SDIO	-	7	5.2	1.1	-30 ~ +70	✓	✓	✓
1DX	LBEE5KL1DX-883	CYW4343W				✓	✓	✓	4.2	SDIO	UART	7	5.2	1.1	-30 ~ +70	✓	✓	✓
1MW	LBEE5HY1MW-230	CYW43455	✓	✓	✓	✓	✓	✓	4.2	SDIO	UART	8	7.3	1.1	-20 ~ +75	Planning	Planning	Planning

MCU

Type	Part Number	Software	RF IC	MCU	Memory Size		WLAN Spec						BT Ver.	Dimensions			Operating Temperature Range (°C)	On-Board Antenna	Radio Certification		
					ROM	RAM	5			2.4				L	W	H (max.)			FCC/IC	CE	JPI
							a	n	ac	b	g	n									
1GC	LBWA1UZ1GC-958 (WICED)	WICED	CYW43	CYW43	640KB	2MB	✓	✓		✓	✓	✓	-	10	10	1.2	-30 ~ +85		✓	✓	✓
	LBWA1UZ1GC-901 (Imp005)	ElectricImp	907	907						✓	✓	✓						✓	✓	✓	
1MD	LBEE5ZZ1MD-011 (Imp004)	ElectricImp	CYW43	STM32F	1MB	256KB				✓	✓	✓	4.1	21	18	2.3	-20 ~ +70	✓	✓	✓	✓
1CD	LBWA1ZV1CD-716 (Imp003)	ElectricImp	CYW43	STM32F	1MB	192KB				✓	✓	✓	-	10	7.9	1.25	-40 ~ +85		✓	✓	✓
1LD	LBEE5PA1LD-005	WICED	CYW43	STM32F	1MB	256KB				✓	✓	✓	4.1	9	7.8	1.2	-30 ~ +70		✓	✓	✓
1HD / 1VD	LBWA1ZZ1HD-921	WICED	CYW43	STM32F	1MB	256KB				✓	✓	✓	-	21	18	2.3	-20 ~ +70	✓	✓	✓	✓

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†Featured in Arrow Quicksilver IoT evaluation kit



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