



















UNICORE UFireBIRD SERIES PRODUCTS

Products		Applications		Grade		Dimensions	GNSS					Single frequency	Dual frequency	Ports				Functions					Page			
				Industrial grade	Automotive grade		GPS	BDS	GLONASS	Galileo	NavIC			QZSS	SBAS	UART1	UART2	SPI	I ² C	Built-in Flash	Data Update Rate	DR		AGNSS	Timing	RTK
UFirebird IV Series																										
Chip	 UFirebird IV UC7510A	UAV, Vehicle Navigation, Industrial Applications		●	4.0 × 4.0 × 0.75 mm	●	●		●	●	●	●	●		●		○	●	●	1 Hz / 5 Hz / 10 Hz		●			21	
	 UFirebird IV UC7510I		●	4.0 × 4.0 × 0.75 mm	●	●		●	●	●	●	●	●	●		●		○	●	●	1 Hz / 5 Hz / 10 Hz		●			21
Module	 UM760	Industrial Applications	●		12.2 × 16.0 × 2.4 mm	●	●		●	●	●	●	●		●			●	●	1 Hz / 5 Hz / 10 Hz		●			23	
	 UM760A	Vehicle Navigation, T-BOX, Vehicle Monitoring, Streaming Rearview Mirror		●	12.2 × 16.0 × 2.4 mm	●	●		●	●	●	●	●		●			●	●	1 Hz / 5 Hz / 10 Hz		●			24	
	 UM761	Industrial Applications	●		12.2 × 16.0 × 2.4 mm	●	●		●	●	●	○	●		●			●	●	1 Hz / 5 Hz / 10 Hz		●	●		25	
	 UM761A	Vehicle Navigation, T-BOX, Vehicle Monitoring, Streaming Rearview Mirror		●	12.2 × 16.0 × 2.4 mm	●	●		●	●	●	○	●		●			●	●	1 Hz / 5 Hz / 10 Hz		●	●		26	
UFirebird II Series																										
Chip	 UFirebird II UC6580A	GIS, UAV, Automated Delivery Vehicle, Sharing Bike/Scooter, Intelligent Driving		●	5.0 × 5.0 × 0.85 mm	●	●		●	●	○	●	●		●	●	●	○	●	●	1 Hz / 5 Hz / 10 Hz		●			27
	 UFirebird II UC6580I		●	5.0 × 5.0 × 0.85 mm	●	●		●	●	○	●	●		●	●	●	●	○	●	●	1 Hz / 5 Hz / 10 Hz		●			27
Module	 UM680	Industrial Applications	●		17.0 × 22.0 × 2.6 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●	●	29	
	 UM680A	Intelligent Driving, P-Box, T-Box		●	17.0 × 22.0 × 2.6 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●	●	30	
	 UM681	Industrial Applications	●		17.0 × 22.0 × 2.6 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●	●	31	
	 UM681A	Intelligent Driving, V2X, T-Box		●	17.0 × 22.0 × 2.6 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●	●	32	
	 UM670A	Intelligent Driving, P-Box, T-Box		●	17.0 × 22.0 × 2.6 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●		33	
	 UM671A	Intelligent Driving, P-Box, T-Box		●	17.0 × 22.0 × 2.6 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●	●	34	
	 UM620	Industrial Applications	●		16.0 × 12.2 × 2.4 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●		35	
	 UM620A	Vehicle Navigation, T-BOX, Intelligent Cockpit		●	16.0 × 12.2 × 2.4 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●		36	
	 UM621	Industrial Applications	●		16.0 × 12.2 × 2.4 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●	●	37	
	 UM621A	Vehicle Navigation, T-BOX, Intelligent Cockpit		●	16.0 × 12.2 × 2.4 mm	●	●		●	●	○	●	●		●	●	●	○	○	●	1 Hz / 5 Hz / 10 Hz		●	●	38	

● : support ○ : support after firmware upgrade