

The **POWER**[®]₂

of **CO₂OL Battery Technology**[®]

Intelligent Battery



O₂Micro[®]
Breathing Life into Mobility

Intelligent Battery Family Product Guide

Part Number	Description	Cell(s)	Package(s) Available (Lead-free)	Page No.
Analog Front End (AFE) and Digital Front End (DFE)				
OZ3705*	DFE with Cell Balance and I ² C	3-5 Cells	16 QFN, SSOP	5
OZ3715*	DFE with Cell Balance and I ² C	5-15 Cells	24 QFN, SSOP	6
OZ9350	AFE with Cell Balance and I ² C	4-7 Cells	16 QFN, SOP	7
OZ9355	AFE with Cell Balance and I ² C	4-14 Cells	24 QFN, SSOP	8
Battery Management Units (BMUs) (without cell balance)				
OZ8952	Low Cost Li-Ion BMU	3-4 Cells	16 SOP, SSOP	9
OZ8953	Low Cost Li-Ion BMU	5 Cells	16 SOP, SSOP	10
OZ8955	Low Cost Li-Ion BMU	3-5 Cells	16 SOP, SSOP	11
OZ8957	Low Cost Li-Ion BMU (stackable)	4-7 Cells	24 SSOP	12
BMUs (with cell balance)				
OZ890	High Performance BMU	5-13 Cells	64 LQFP	13
OZ8905	Low Cost Li-Ion BMU (stackable)	3-5 Cells	32 QFN, 24 SSOP	14
OZ8920	High Performance BMU	5-8 Cells	48 LQFP	15
OZ8930	High Performance BMU	3-6 Cells	24 QFN, TSSOP	16
OZ8940	High Performance BMU	6-12 Cells	32 LQFP	17
Cell Monitors (secondary protection) and Battery Gauges				
OZ2603	Low Cost Secondary Protection (stackable)	1-3 Cells	6 UTDFN	18
OZ2605	Low Cost Secondary Protection (stackable)	1-5 Cells	8 DFN	19
OZ8806	Monitor + High Accuracy Coulomb Counter	1-2 Cells	10 DFN	20
OZ26605*	Secondary Protection and State-of-Charge	3-5 Cells	16 QFN	21
OZ66024	State-of-Charge Measurement and LED Driver	3 or more Cells	8 DFN	22
Protection FET Drivers				
OZ9202*	Dual High Side NFET Drivers		16 SSOP	23

* New parts, NOT RELEASED as of Q3 2014. Please contact O₂Micro at www.o2micro.com for availability.

Intelligent Battery Family Product Applications Guide

	Power Tool / Garden Tool	E-Bike	Tablet	Notebook	Vacuum	E-Scooter / E-Motorcycle	LEV	UPS	ESS	Industrial
OZ9350	X	X			X			X	X	X
OZ9355	X	X			X	X	X	X	X	X
OZ8952	X				X			X		
OZ8953	X							X		
OZ8955	X							X		
OZ8957	X	X			X	X		X		
OZ890		X				X	X	X	X	X
OZ8905	X	X			X	X	X	X	X	X
OZ8920		X				X	X	X	X	X
OZ8930	X									
OZ8940	X	X				X	X	X	X	X
OZ2603	X		X	X						
OZ2605	X	X		X		X				
OZ8806			X	X			X	X	X	X
OZ66024	X	X			X	X		X	X	X
OZ3705	X	X			X			X	X	X
OZ3715	X	X			X			X	X	X
OZ9202	X	X			X	X	X	X	X	X
OZ26605	X				X					X

NOTE: **OZXXXXX** are new parts, NOT RELEASED as of Q3 2014. Please contact O₂Micro at www.o2micro.com for availability.