

Smart Current Limited Load Switches – ECPower™ Family

Part Number	Description		Ops V_{IN} (V)	Absolute Max V_{IN} and V_{OUT} (V)
AOZ1327DI-01	NEW	20V/5A ECPower™ Protection Switch with True Reverse-Current Blocking	2.4 - 22	28
AOZ1327DI-02	NEW	20V/5A ECPower™ Protection Switch with True Reverse-Current Blocking	2.4 - 22	28
AOZ1353DI-01		5V/3A ECPower™ with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1353DI-02		5V/3A ECPower™ with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1353DI-03	NEW	5V/3A ECPower™ with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1353DI-04	NEW	5V/3A ECPower™ with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1353LI-01	NEW	5V/3A ECPower™ Protection Switch with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1353LI-02	NEW	5V/3A ECPower™ Protection Switch with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1353LI-03	NEW	5V/3A ECPower™ Protection Switch with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1353LI-04	NEW	5V/3A ECPower™ Protection Switch with True Reverse-Current Blocking	3.4 - 5.5	28
AOZ1356LI-01	NEW	5V/3A ECPower™ Protection Switch Supporting USB PD Fast Role Swap	3.4 - 5.5	28
AOZ1356LI-02	NEW	5V/3A ECPower™ Protection Switch Supporting USB PD Fast Role Swap	3.4 - 5.5	28
AOZ1356LI-03	NEW	5V/3A ECPower™ Protection Switch Supporting USB PD Fast Role Swap	3.4 - 5.5	28
AOZ1356LI-04	NEW	5V/3A ECPower™ Protection Switch Supporting USB PD Fast Role Swap	3.4 - 5.5	28
AOZ1356LI-05	NEW	5V/3A ECPower™ Protection Switch Supporting USB PD Fast Role Swap	3.6 - 5.3	28
AOZ1356LI-06	NEW	5V/3A ECPower™ Protection Switch Supporting USB PD Fast Role Swap	3.6 - 5.3	28
AOZ1375DI-01		20V/5A ECPower™ Bidirectional Load Switch	3.4 - 23	28
AOZ1375DI-02		20V/5A ECPower™ Bidirectional Load Switch	3.4 - 23	28
AOZ1376DI-01		20V/5A ECPower™ Protection Switch with True Reverse-Current Blocking	3.4 - 22	28
AOZ1376DI-02		20V/5A ECPower™ Protection Switch with True Reverse-Current Blocking	3.4 - 22	28

Max Current (A)	Current Flow	Fast Role Swap	OVP	Current Limit	RCB	Fault Response	R _{SON} (mΩ) (Typ)	Package
10.0	Sink	—	Adjustable	—	$V_{OUT} > V_{IN}$	Auto Restart	20	DFN 3x3
10.0	Sink	—	Adjustable	—	$V_{OUT} > V_{IN}$	Latch Off	20	DFN 3x3
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Auto Restart	40	DFN 3x3
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Latch Off	40	DFN 3x3
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Auto Restart	40	DFN 3x3
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Latch Off	40	DFN 3x3
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Auto Restart	32	WLCSP-12 Bumps
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Latch Off	32	WLCSP-12 Bumps
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Auto Restart	32	WLCSP-12 Bumps
3.5	Source	No	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Latch Off	32	WLCSP-12 Bumps
3.5	Source	Yes	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Auto Restart	34	WLCSP-12 Bumps
3.5	Source	Yes	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Latch Off	34	WLCSP-12 Bumps
3.5	Source	Yes	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Auto Restart	34	WLCSP-12 Bumps
3.5	Source	Yes	Fixed	Adjustable	$V_{OUT} > V_{IN}$	Latch Off	34	WLCSP-12 Bumps
6.0	Source and Sink	No	Adjustable	Adjustable	EN = L	Auto Restart	20	DFN 3x3
6.0	Source and Sink	No	Adjustable	Adjustable	EN = L	Latch Off	20	DFN 3x3
5.0	Sink	—	—	—	$V_{OUT} > V_{IN}$	Auto Restart	20	DFN 3x3
5.0	Sink	—	—	—	$V_{OUT} > V_{IN}$	Latch Off	20	DFN 3x3