






Super



Low V_F Schottky

Comchip Technology is proud to launch Super Low V_F Schottky diodes (CDBA120SL, CDBA140SL). These are available in SMA package at 1A, 20V or 40V. With a super low V_F of 0.31V @1A, these diodes are designed to save more energy and extend battery life for today's portable electronic devices.

◆ Low V_F Schottky

Part Number	I_o (A)	V_R (V)	V_F (V)	Case	
New CDBM120L-G/ 140L-G	1.0	20 / 40	0.38 ~ 0.40	MiniSMA	
CDBL120L-G/ 140L-G	1.0	20 / 40	0.38 ~ 0.40	DO-213AB	
CDBA120L-G/ 140L-G	1.0	20 / 40	0.40 ~ 0.38	DO-214AC	
CDBA120LL-G/ 140LL-G	1.0	20 / 40	0.37 ~ 0.34	DO-214AC	
New CDBA120SL-G/ 140SL-G	1.0	20 / 40	0.31 ~ 0.31	DO-214AC	
CDBA220L-G/ 240L-G	2.0	20 / 40	0.38 ~ 0.40	DO-214AC	
CDBA220LL-G/ 240LL-G	2.0	20 / 40	0.34 ~ 0.36	DO-214AC	
CDBA320L-G/ 340L-G	3.0	20 / 40	0.42 ~ 0.45	DO-214AC	
CDBA320LL-G/ 340LL-G	3.0	20 / 40	0.38 ~ 0.40	DO-214AC	

◆ Small Signal Low V_F Schottky

Part Number	I_o (mA)	V_R (V)	V_F (V)	Case	
CDBU00340	30	40	0.37	SOD-523F	
CDBU0130	100	30	0.44	SOD-523F	
CDBU0230	200	30	0.50	SOD-523F	
CDBU0240	200	40	0.55	SOD-523F	
CDBF00340	30	40	0.37	SOD-323F	
CDBF0130	100	30	0.44	SOD-323F	
CDBF0230	200	30	0.50	SOD-323F	
CDBF0240	200	40	0.55	SOD-323F	

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