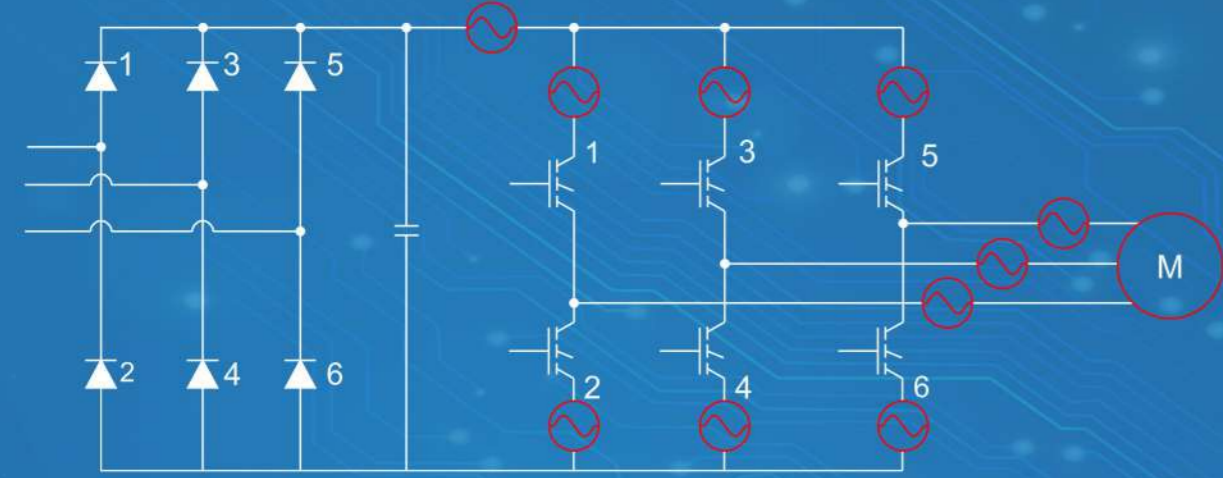


CURRENT SENSOR APPLICATION



CURRENT
SENSOR
Application
Driver
驱动

Driver Application



— PRODUCT —

Application: Variable frequency drive



◎ Features

- High accuracy
- Low noise
- Wide current detection range
- Fast response time

◎ Absolute & Electrical parameters

Product	Out			V _{cc} (V)	U _{ESD} (kV)	U _d (kV)	I _{pn} (A)	I _{pm} (A)	f _{band} (kHz)	t _r (μs)	Acc (FS%)	Application
	Voltage	Digital	Current									
STK-BS1	○			±15	4	4	50~600	150~900	50	5	1	Variable frequency drive
STK-BS/S1	○			5	4	4	50~600	150~1100	60	3.5	1	
STK-BS/H	○			±15	4	4	50~400	150~600	50	3	1	
STK-BS/H4	○			15	4	4	50~100	150~450	50	3	1	
STK-BS/T	○			±15	4	4	200~1500	600~2500	25	5	1	
STK-BS/X	○			±15	4	4	500~2500	1500~5500	25	5	1	
STK-HD/P	○			5, 3.3	4	4	5~30	10~75	600	1	3	
STK-HD/K	○			5	4	4	32~50	80~125	600	1	1.5	
SHK-VBS6	○			5	8	2.5	100~1500	100~1500	40	2	2.5	
STB-HA/A3	○			15	4	4	10~20	30~60	150	3	0.8(1.5)	
STK-600/M-M	○			5, 3.3	4	4	50, 100	50~250	120	4.6	3.5	
STK-600/M	○			5, 3.3	4	4	50, 100	50~250	120	4.6	3.5	
STK-616KML	○			5, 3.3	4	3.6	40~65	40~65	600	0.9	3	
STK-616KMF	○			5, 3.3	4	3.6	40~65	40~65	1000	0.2	3	
STK-616TML	○			5, 3.3	4	3.6	40~65	40~65	600	0.9	3.5	
STK-616TMF	○			5, 3.3	4	3.6	40~65	40~65	1500	0.2	3.5	
STK-616BML	○			5, 3.3	4	3.6	12.5~25	37.5~75	600	0.9	3.5	
STK-616DML	○			5, 3.3	4	3.6	15~65	15~65	600	0.9	3.5	
STK-616EML	○			5, 3.3	4	3.6	20~65	20~65	600	0.9	3.5	
STB-CAS/x	○			5	4	5	15~75	51~220	400	0.3	3.5	
STB-CAS/F	○			5	4	5	6~75	20~220	400	0.3	1.1~3	
STB-HA/A	○			±15	4	4	50~60	150~180	150	1.5	1.1~1.6	
STB-LA		○		±12~±15	4	4	100~150	200~240	150	0.5	0.5	
STB-LA/Z	○			5	4	4	150~200	300~450	300	0.3	0.8	

Application: Servo Drive



◎ Absolute & Electrical parameters

Product	Out			V _{cc} (V)	U _{ESD} (kV)	U _d (kV)	I _{pn} (A)	I _{pm} (A)	f _{band} (kHz)	t _r (μs)	Acc. (%FS)	Application
	Voltage	Digital	Current									
STB-CAS/F	○			5	4	5	6~75	20~220	400	0.3	1.1~1.6	Servo Drive
STK-616KML	○			5, 3.3	4	3.6	40~65	40~65	600	0.9	3	
STK-616KMF	○			5, 3.3	4	3.6	40~65	40~65	1000	0.2	3	
STK-616TML	○			5, 3.3	4	3.6	40~65	40~65	600	0.9	3.5	
STK-616TMF	○			5, 3.3	4	3.6	40~65	40~65	1500	0.2	3.5	
STK-616BML	○			5, 3.3	4	3.6	12.5~25	37.5~75	600	0.9	3.5	
STK-616DML	○			5, 3.3	4	3.6	15~65	15~65	600	0.9	3.5	
STK-616EML	○			5, 3.3	4	3.6	20~65	20~65	600	0.9	3.5	
STK-616EML	○			5, 3.3	4	3.6	20~65	20~65	600	0.9	3.5	
STK-HD/P	○			5, 3.3	4	4	5~30	10~75	600	1	3	
STK-HD/S	○			5	4	4	3~10	7.5~25	800	0.4	1.5	
STK-PL/A	○			5	4	5	10~50	25~125	400	1.5	2	
STK-PL/M	○			5	4	5	80~180	200~450	500	1	2	