

PART 1 – ELECTRONICA 2016 – LINE UP RECOMMENDED SAW FILTER FOR GNSS



TAI-SAW Technology CO., LTD

Former Motorola employees founded TST in 1997. TST is now recognized as the leading SAW (surface acoustic wave) device supplier in Taiwan, as well as the key OEM/ODM supplier of SAW device in the world.

Products: BAW (Bulk Acoustic Wave) devices and modules (Xtal, XO, VCO, VCTCXO ... etc).

P/N	FREQUENCY (MHZ)	INSERTION LOSS (dB)	BAND WIDTH (MHz)	SIZE (mm)
SAW FILTER (APPLICATIONS: GPS, GLONASS, GALILEO, BEIDOU, Wearable Device)				
TA0757B (GPS band)	1575.42	0.9	2	1.4 x 1.1
TA0757 AB (GPS band)	1575.42	0.9	2	1.4 x 1.1 *AEC-Q200
TA 1425A (GPS band)	1574.42	0.9	2	1.4 x 1.1
TA0440A (Car Antenna)	1575.42	2.9	2	3.0 x 3.0
TA1343A (GPS+GLONASS+GALILEO+BEIDOU)	1583	1.2	46.79	1.4 x 1.1
TA1343B (GPS+GLONASS+GALILEO+BEIDOU)	1583	1.2	46.79	1.4 x 1.1 *AEC-Q200
TA1661A (GPS+GLONASS+GALILEO+BEIDOU)	1583	2.1	46.79	1.4 x 1.1 *AEC-Q200
TA1267A	1588.655	1.25	34.47	1.4 x 1.1
TA1267E	1588.655	1.25	34.47	1.4 x 1.1 *AEC-Q200
TA0676A	1592.5	2.6	43	3.0 x 3.0
TA 1658A (GNSS)	1582.4	1.7	46.61	3.0 x 3.0
TA1954A (GPS+GLONASS+COMPASS)	1582.47	1.2	46.84	1.1 x 0.9
TA1804A	1582.469	1.1	46.834	1.1 x 0.9
TA1442A	2492	1.55	5	3.0 x 3.0
TA1901A	1587.5	2	57	2.0 x 1.6
TA1785A	1583	1.8	46.79	3.0 x 3.0 *AEC-Q200
TA1745A	1583	1.8	46.79	2.0 x 1.6

P/N	FREQUENCY (MHZ)	NOISE (dB)	GAIN (dB)	SIZE (mm)
FRONT END MODULE				
TN0081A (GPS+GLONASS)	1575 ... 1606	1.65	18.5	2.5 x 2.5 x 0.535
TN0089A (GPS+GLONASS+Beidou+Galileo)	1575	1.5	15.5	1.5 x 1.1 x 0.39
	1597-1606			
	1559-1591			