

Features	APx515	APx525	APx585	APx586	APx555	SYS-2722
Analog Input / Output Channels	2 - 2	2 - 2	8 - 8	16 - 8	2 - 2	2 - 2
Serial Digital Capable	No	Yes	Yes	Yes	Yes	Yes
Analog Switcher Capable	Yes	Yes	Yes	Yes	Yes	Yes
Multifunction Module Capable	Yes	Yes	Yes	Yes	Yes	Yes
<b>Analog Analyzer Performance</b>						
Bandwidth	>90 kHz	>90 kHz >1 MHz (BW52)	>90 kHz	>90 kHz	>500 kHz (2 channels)	>500 kHz
Maximum Rated Input Voltage	125 Vpk	230 Vpk	160 Vpk	160 Vpk	230 Vpk	230 Vpk
<b>Analog Generator Performance</b>						
Sine Frequency Range	2 Hz - 80.1kHz	0.1 Hz - 80.1kHz	5 Hz - 80.1kHz	5 Hz - 80.1kHz	0.001 Hz - 80kHz, DAC	10 Hz - 60kHz, DAC 10 Hz - 204 kHz, osc
Maximum Amplitude (balanced)	16.0 Vrms	21.21 Vrms	14.4 Vrms	14.4 Vrms	26.66 Vrms	26.66 Vrms
<b>Analog System Performance</b>						
Residual THD+N (20 kHz BW)	-102 dB + 1.3 $\mu$ V	-105 dB + 1.3 $\mu$ V	-103 dB + 1.3 $\mu$ V	-103 dB + 1.3 $\mu$ V	-116.5 dB + 1.0 $\mu$ V	-112 dB + 1.0 $\mu$ V
Residual Input Noise (20 kHz BW)	1.4 $\mu$ V	1.3 $\mu$ V	1.3 $\mu$ V	1.3 $\mu$ V	1.0 $\mu$ V	1.0 $\mu$ V
<b>Analog Options</b>						
Ultra-high Bandwidth (1 Ch - 1 MHz, 2 Ch - 500 kHz)	No	Yes (BW52 Option)	No	No	Standard	No
Square Wave, DIM	No	Yes (AG52 Option)	No	No	Standard	Standard S2-BUR
Sine Burst Generator	No	No	No	No	Standard	Standard S2-BUR
Noise Generator	Standard	Standard	Standard	Standard	Standard	Standard S2-BUR
Intermodulation Distortion	Yes (Option)	Standard	Standard	Standard	Standard	Yes (S2-IMD Option)
Wow & Flutter	No	No	No	No	No	Yes (S2-W&F Option)
<b>Digital I/O Options</b>						
ADIO	No	Yes	Yes	Yes	Standard	Standard
ASIO	Yes	Standard	Standard	Standard	Standard	No
Bluetooth	No	Yes	Yes	Yes	Yes	No
DIO	Standard	Standard	Standard	Standard	No	No
DSIO	No	Yes (16 channel)	Yes (16 channel)	Yes (16 channel)	Yes (16 channel)	Yes (2 ch PSIA-2722 Accessory)
DSIO + Jitter	No	Yes (+ Option AMC)	Yes (+ Option AMC)	Yes (+ Option AMC)	Yes	Yes (2 ch PSIA-2722 Accessory)
HDMI	No	Yes	Yes	Yes	Yes	No
PDM	No	Yes	Yes	Yes	Yes	No
<b>Advanced Master Clock</b>						
AES11 DARS Reference In/Out	No	Yes (Option AMC)	Yes (Option AMC)	Yes (Option AMC)	Standard	Standard
Synch In/Out	No	Yes (Option AMC)	Yes (Option AMC)	Yes (Option AMC)	Standard	Standard
Trigger In/Out	No	Yes (Option AMC)	Yes (Option AMC)	Yes (Option AMC)	Standard	Standard