



# AiM MXPS Channels List

Plug & Play Dash Logger kit for Suzuki GSX-R 1000/1000 R

## Standard channels

Name	Source	Freq	Description
RPM	DIG SWITCH	20	ENGINE SPEED
Speed	DIG SWITCH	20	BIKE SPEED
IAT	ANALOG	1	INTAKE AIR TEMPERATURE
FUEL	ANALOG	2	FUEL SENSOR PERCENTAGE
NEUTRAL	DIG SWITCH	20	NEUTRAL
ABS	DIG SWITCH	20	ABS WARNING
LOP	DIG SWITCH	20	LOW OIL PRESSURE
LUMINOSITY	INTERNAL	1	
FUEL USED	INTERNAL	1	FUEL USED
ABS VEHICLE SPEED	ABS MODULE	100	VEHICLE SPEED FROM ABS
IMU ROLL RATE	IMU MODULE	100	ROLL RATE FROM IMU MODULE
IMU PITCH RATE	IMU MODULE	100	PITCH RATE FROM IMU MODULE
IMU LATERAL ACC	IMU MODULE	100	LATERAL ACC FROM IMU MODULE
IMU INLINE ACC	IMU MODULE	100	INLINE ACC FROM IMU MODULE
IMU YAW RATE	IMU MODULE	100	YAW RATE FROM IMU MODULE
IMU VERTICAL ACC	IMU MODULE	100	VERTICAL ACC FROM IMU MODULE
ECT	ECU	10	ENGINE COOLANT TEMPERATURE
GEAR	ECU	10	GEAR
FUEL FLOW	ECU	20	FUEL FLOW
S_DMS LEV	ECU	10	SDMS MAP
LC ACTIVE	ECU	10	LAUNCH CONTROL ACTIVE
FUEL ECONOMY		1	FUEL ECONOMY
FUEL CONS		1	FUEL CONSUMPTION
DISPLAY SPEED		20	SPEED SHOWN ON DASH
FUEL LEVEL		1	FUEL LEVEL
TC		10	TC LEVEL
FUEL RANGE		1	RANGE
USER LED ALARM R		10	
USER LED ALARM B		10	
USER LED ALARM G		10	
ABS CONN		0,5	DATA OK FROM ABS
IMU CONN		0,5	DATA OK FROM IMU
SDS2 CONN		0,5	DATA OK FROM SDS2
LED_TC		50	TC LED IS ON
LED_TC_BLINK		50	TC LED IS BLINKING

**RACE KIT ONLY channels** in the next page ->



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## RACE KIT ONLY channels

Name	Source	Freq	Description
AN USER1	ANALOG	USER DEFINED	ANALOG CHANNEL1
AN USER2	ANALOG	USER DEFINED	ANALOG CHANNEL2
AN USER3	ANALOG	USER DEFINED	ANALOG CHANNEL3
AN USER4	ANALOG	USER DEFINED	ANALOG CHANNEL4
SDS SPEED R	ECU	10	REAR WHEEL SPEED
SDS SPEED F	ECU	10	FRONT WHEEL SPEED
SDS BATT VOLT	ECU	10	BATTERY VOLTAGE
SDS CLT	ECU	10	COOLANT TEMPERATURE
SDS IAT	ECU	10	INTAKE AIR TEMPERATURE
SDS MAP	ECU	10	MANIFOLD AIR PRESSURE
SDS BAROM	ECU	10	BAROMETRIC PRESSURE
SDS FUEL1	ECU	10	FUEL INJECTOR1
SDS FUEL2	ECU	10	FUEL INJECTOR2
SDS FUEL3	ECU	10	FUEL INJECTOR3
SDS FUEL4	ECU	10	FUEL INJECTOR4
SDS IGN ADV AN 1	ECU	10	IGNITION ANGLE1
SDS IGN ADV AN 2	ECU	10	IGNITION ANGLE2
SDS IGN ADV AN 3	ECU	10	IGNITION ANGLE3
SDS IGN ADV AN 4	ECU	10	IGNITION ANGLE4
SDS TPS1 V	ECU	10	TPS VOLTAGE1
SDS TPS2 V	ECU	10	TPS VOLTAGE2
SDS GRIP1 V	ECU	10	GRIP VOLTAGE1
SDS GRP2 V	ECU	10	GRIP VOLTAGE2
SdS SHIFT SENS	ECU	10	GEAR SHIFT SENSOR
SDS TPS1	ECU	10	THROTTLE POSITION1
SDS TPS2	ECU	10	THROTTLE POSITION2
SDS GRIP1	ECU	10	GRIP POSITION1
SDS GRIP2	ECU	10	GRIP POSITION2
SDS SPIN RATE	ECU	10	WHEEL SPIN RATE WITH TC OFF
SDS SPIN RT TC	ECU	10	WHEEL SPIN RATE WITH TC ON
SDS DH COR AN	ECU	10	DASHPOT CORRECTION ANGLE
SDS CONN	ECU	10	SDS DATA OK