

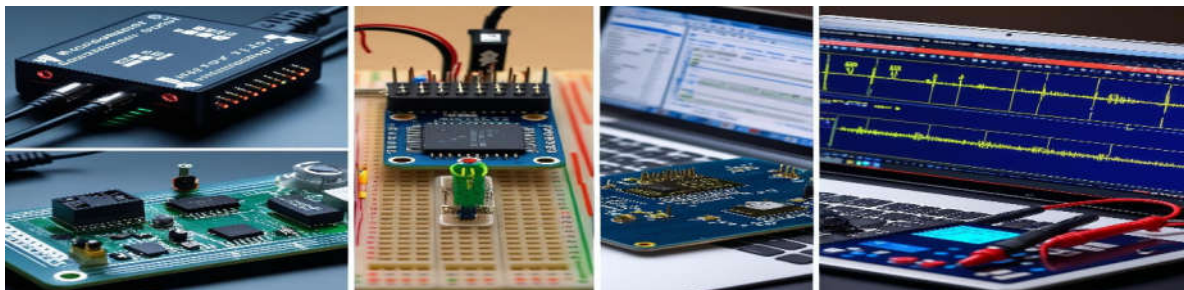
Company Catalogue

2026 H1



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**** New Product Launch ****

M Series (High Precision Delta-Sigma ADC)

Part No.	Resolution	Supply Voltage	Sampling Rate	Input Type	Interface	PGA	Special Functions	Package	Available
PMD040B	24-bits	3.0~5.5V	10 SPS	Differential	SPI	1x~128x	Reference voltage output	SOP8	Now

B Series (Battery Charger + MCU)

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PFB190	1	12bits x 13ch	18	3KW	128	4	8bits x 1 11bits x 3	In-System Programming	QFN24	Now
PUD310	1	--	5	1.5KW	96	--	8bits x 1	--	SOT23-6, SOP8 EY10	Now

A/D Type - OTP & MTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PMS134G	1	12bits x 14ch	22	4KW	256	4	8bits x 2 11bits x 3	8x8 multiplier Comparator x 1	SOP16, H20 Y24	Now
PMS120	1	12bits x 12ch	14	2KW	128	5	8bits x 2	Comparator x 1	SOP8/14/16 QFN16	Now

Touch - OTP Series

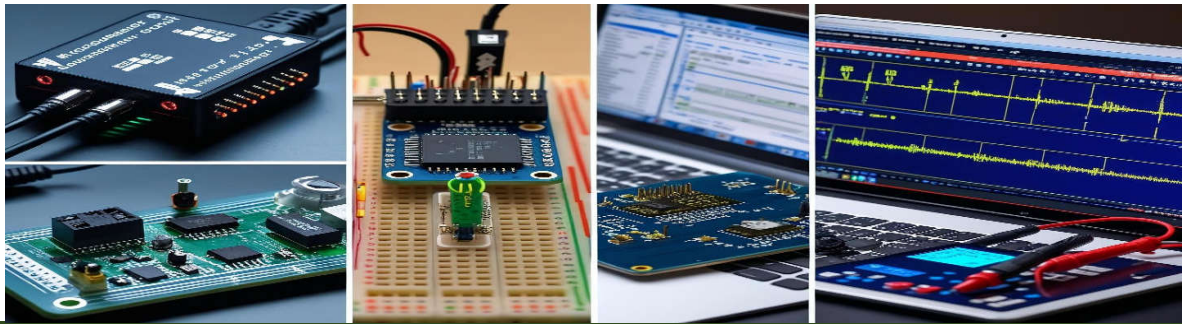
Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Touch Channel	Available
PMS160B	1	--	6	1.5KW	128	--	8bits x 2 11bits x 3	Comparator x 1	6	Now

BLDC Series

Part No.	FPPA	Description	IO (max)	ROM (word)	RAM (byte)	Supply Voltage(V)	Commutation	Special Functions	Package	Available
MF324	8	3 Phase	7	3KW	192	5.5	Sensorless Trapezoidal	GUI supported	SOP16/QFN16	Now

RISC-V Seriese - 32bits & SIP

Part No.	FPPA	Description	IO (max)	ROM (word)	RAM (byte)	Supply Voltage(V)	Commutation	Special Functions	Package	Available
PEC930	--	3 Phase	22	32KB	4KB	5.5V	Sensorless FOC	PGA x 2	Y24/QFN24	Now
YEC9305	--	3 Phase	15	32KB	4KB	36V	Sensorless FOC	PGA x 2	Y24	Now



** I/O Type MCU **

OTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PMS150G	1	--	6	1.KW	64	--	8bits x 1	CMP x 1	SOT23-6, SOP8	Now
PMS150C	1	--	6	1.KW	64	--	8bits x 1	CMP x 1	SOT23-6, SOP8	Now
PMS152	1	--	14	1.25KW	80	--	8bits x 1 11bits x 3	CMP x 1	SOP8/14/16	Now
PMS152E	1	--	6	1.5KW	96	--	8bits x 2 11bits x 3	CMP x 1	SOT23-6, SOP8	Now
PMS152G	1	--	14	1.25KW	80	--	8bits x 1 11bits x 3	CMP x 1	SOP8/14/16	Now
PMS154C	1	--	14	2KW	128	4	8bits x 2 11bits x 3	CMP x 1	SOP8/14/16	Now
PMS154G	1	--	14	2KW	128	4	8bits x 2 11bits x 3	CMP x 1	SOP8/14/16	Now
PML100B	1	--	6	1KW	64	--	8bits x 2 11bits x 3	CMP x 1	SOT23-6/SOP8	Now

MTP Series + EEP

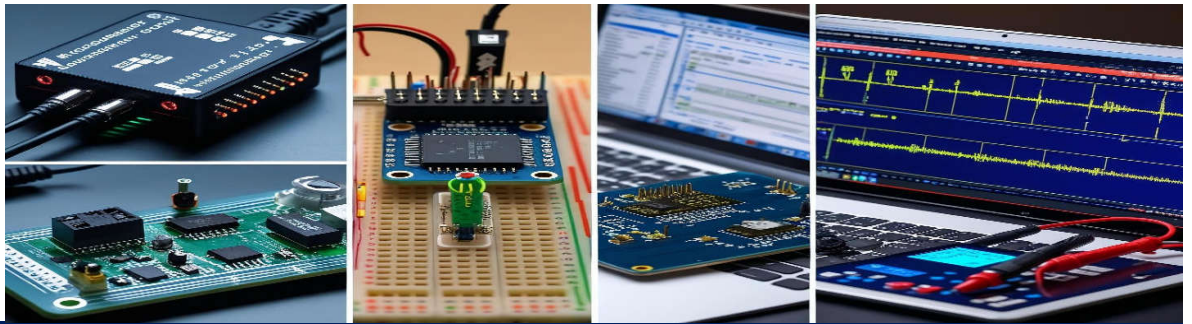
Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PGS152	1	--	8	1.5KW	128	--	8bits x 1 11bits x 3	125	SOP8,EY10	Now

MTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PFS154	1	--	14	2KW	128	4	8bits x 2 11bits x 3	CMP x 1	SOT23-6 SOP8/14/16	Now
PFC151	1	--	8	2KW	128	--	8bits x 2	CMP x 1	SOP8/M10	Now
PFC154	1	--	14	2KW	128	--	8bits x 2 11bits x 3	CMP x 1	SOP8/14/16	Now

SIP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
YMS1524	1	--	11	1.15KW	80	--	8bit x 1 11bit x 3	EEPROM Comparator x 1	SOP8/14	Now
YFS1544	1	--	12	1.9KW	128	4	8bit x 2 11bit x 3	EEPROM Comparator x 1	SOP8/16	Now



** A/D Type MCU **

OTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PMS171B	1	8bits x 12ch	14	1.5KW	96	--	8bits x 2	CMP x 1	SOP8/14/16	Now
PMS134G	1	12bits x 14ch	22	4KW	256	4	8bits x 2 11bits x 3	8x8 multiplier CMP x 1	SOP16, H20 Y24	Now
PMS134	1	12bits x 14ch	22	4KW	256	4	8bits x 2 11bits x 3	8x8 multiplier CMP x 1	SOP8/14/16 H20,Y24	Now
PMS132B	1	12bits x 12ch	14	2KW	128	--	8bits x 2 11bits x 3	8x8 multiplier CMP x 1	SOT23-6 SOP8/14/16	Now
PMS120	1	12bits x 12ch	14	2KW	128	5	8bits x 2	CMP x 1	SOP8/14/16 QFN16	Now
PMS121	1	12bits x 11ch	14	1.5KW	96	--	8bits x 2	CMP x 1	SOP8/14/16	Now

MTP Series + EEP

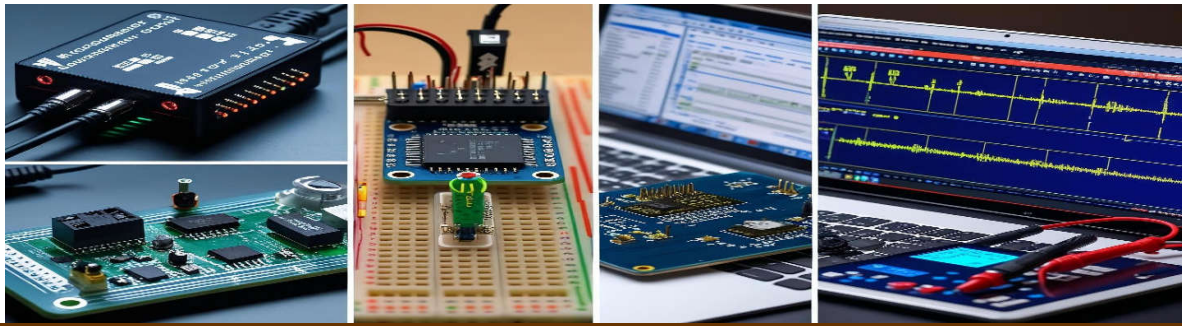
Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PGS134	1	12bits x 14ch	22	4KW	256	4	8bits x 2 11bits x 3	512	SOP8/14/16 H20/Y24	Now

MTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PFS122B	1	12bits x 12ch	14	2KW	128	5	8bits x 2	CMP x 1	SOP8/14/16 EY10	Now
PFS122	1	12bits x 12ch	14	2KW	128	--	8bits x 2	CMP x 1	SOT23-6 SOP8/14/16	Now
PFS123B	1	12bits x 14ch	18	3KW	256	5	8bits x 2 11bits x 3	CMP x 1	SOP8/14/16 H20/Y24/QFN20	Now
PFS123	1	12bits x 14ch	18	3KW	256	5	8bits x 2 11bits x 3	CMP x 1	SOP8/14/16 H20/Y24	Now
PFS132	1	12bits x 12ch	14	2KW	128	5	8bits x 2 11bits x 3	8x8 multiplier CMP x 1	SOT23-6 SOP8/14/16	Now
PFC232	2	12bits x 12ch	14	2KW	128	5	8bits x 2 11bits x 3	CMP x 1 OPA x 1	SOP8/14/16	Now

SIP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
YMS1324	1	12bits x 12ch	11	1.9KW	128	--	8bits x 2 11bits x 3	EEPROM Comparator x 1	SOP8/14	Now
YFS1224	1	12bits x 12ch	11	1.9KW	128	5	8bits x 2	EEPROM Comparator x 1	SOP8/14	Now



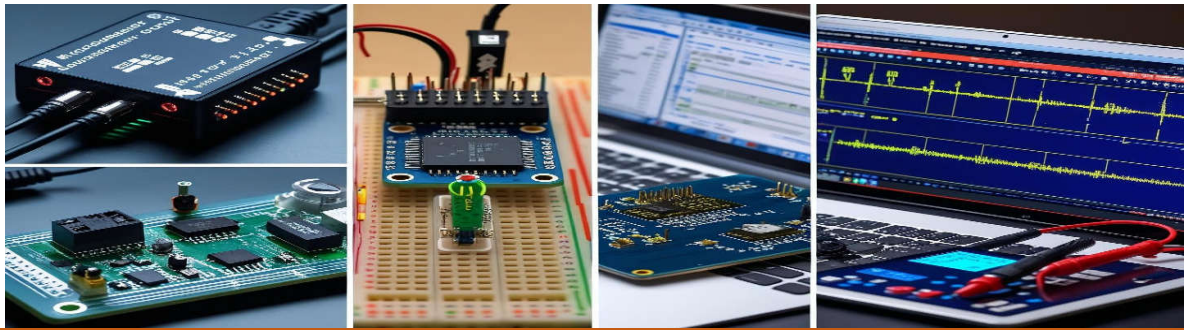
**** Touch Type MCU ****

OTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Touch Channel	Package	Available
PMS160B	1	--	6	1.5KW	96	--	8bits x 2 11bits x 3	Comparator x 1	6	SOT23-6, SOP8	Now
PMS161	1	--	6	1.5KW	96	--	--	Comparator x 1	5	SOT23-6, SOP8	Now
PMS164	1	--	14	1.75KW	128	--	8bits x 2	Comparator x 1	12	SOP16	Now
PMS163	1	12bits x 12ch	14	2.5KW	160	--	8bits x 2 11bits x 3	8x8 multiplier Comparator x 1	13	SOP8/14/16	Now

MTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Touch Channel	Package	Available
PFC161	1	--	8	2KW	128	--	8bits x 2	Comparator x 1	7	SOT23-6 SOP8/EY10	Now
PFC460	4	12bits x 28ch	26	4KW	512	--	8bits x 2 11bits x 3	Comparator x 1	24	SOP16/20/24 T28	Now



** Charger MCU **

OTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PMB180(B)	1	--	7	1.25KW	64	--	8bits x 1 11bits x 3	CMP x 1 CHG cur:500mA	ESOP8, EY10	Now
PMB182(B)	1	--	17	1.25KW	80	--	8bits x 1 11bits x 3	CMP x 1 CHG cur:500mA	ESOP8, EY10 ES16, QFN20	Now
PMB183(B)	1	12bits x 11ch	13	2KW	128	--	8bits x 1 11bits x 3	CMP x 1 CHG cur:500mA	ESOP8, ES16 QFN16	Now
PUD310	1	--	5	1.5KW	96	--	8bits x 1	--	SOT23-6, SOP8 EY10	Now

MTP Series

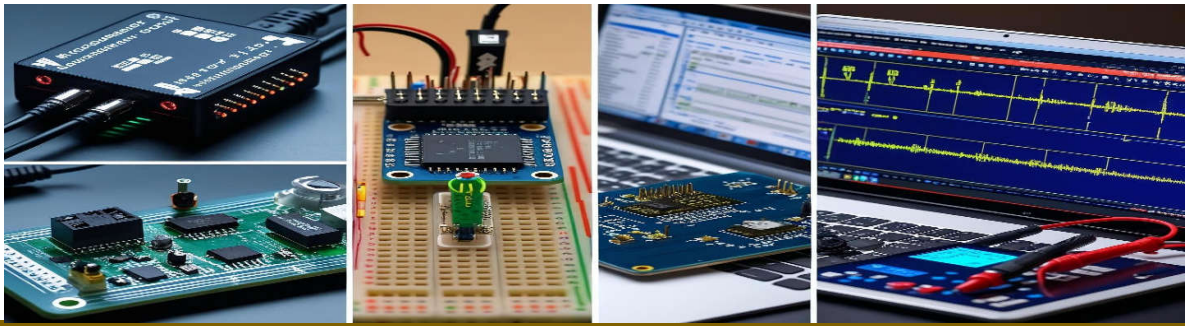
Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PFB190	1	12bits x 13ch	18	3KW	128	4	8bits x 1 11bits x 3	In-System Programming	QFN24	Now

SIP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
YMB1801(B)	1	--	5	1.25KW	64	--	8bits x 1 11bits x 3	NMOS: 1A CMP x 1	ESOP8/EY10	Now
YMB1805(B)	1	--	4	1.25KW	64	--	8bits x 1 11bits x 3	H-bridge driver CMP x 1	ESOP8	Now



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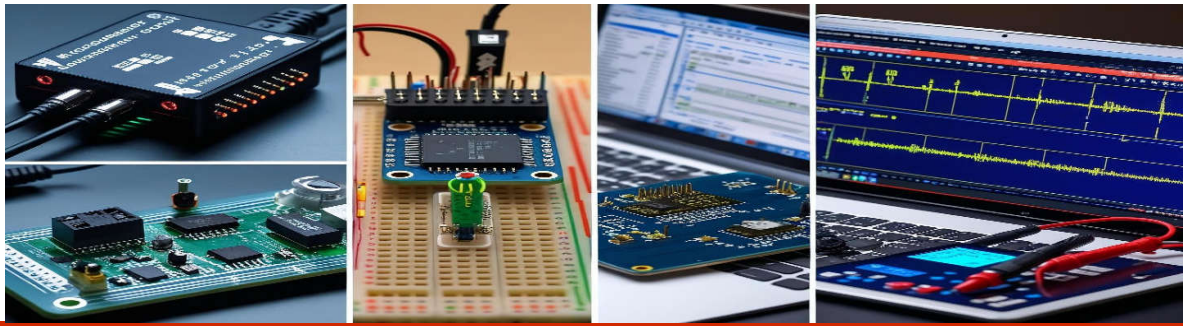
**** High Precision Delta-Sigma ADC ****

High Precision ADC

Part No.	Resolution	Supply Voltage	Sampling Rate	Input Type	Interface	PGA	Special Functions	Package	Available
PMD040B	24bits	3.0~5.5V	10 SPS	Differential	SPI	1x~128x	Reference voltage output	SOP8	Now



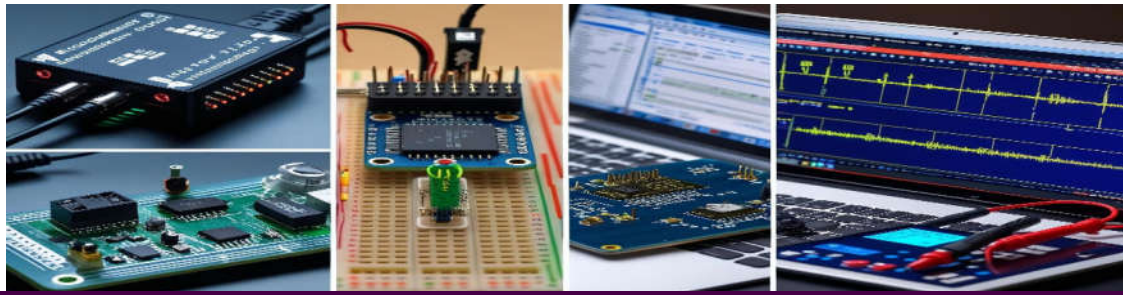
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 PADAUK(TW)
 PADAUK(Chizhou)



**** Hall Sensor****

Hall Switch

Part No.	Supply Voltage	Pole	BOPS (Gauss)	BOPN (Gauss)	BRPS (Gauss)	BRPN (Gauss)	BHYS (Gauss)	Supply Current	Package	Available
PHS327S	2.7~5.5V	South	Typ:30 Max:50	Min:-50 Typ:-30	Min:10 Typ:20	Typ:-20 Max:-10	Typ:10	Awake:1.4mA Sleep:0.85uA	SOT23-3	Now
PHS327N	2.7~5.5V	North	Typ:30 Max:50	Min:-50 Typ:-30	Min:10 Typ:20	Typ:-20 Max:-10	Typ:10	Awake:1.4mA Sleep:0.85uA	SOT23-3	Now
PHS329NS	2.7~5.5V	South North	Typ:30 Max:50	Min:-50 Typ:-30	Min:10 Typ:20	Typ:-20 Max:-10	Typ:10	Awake:1.4mA Sleep:0.85uA	SOT23-3	Now



**** BLDC ****

DC Fan Series

Part No.	FPPA	Description	IO (max)	ROM (word)	RAM (byte)	Supply Voltage(V)	Commutation	Special Function	Package	Available
MF610	8	Single Phase	8	4KW	512	6.5	Sensored Trapezoidal	--	M10	Now
MF617	8	3 Phase	14	5KW	512	6.5	Sensored Trapezoidal	--	QFN16	Now
MF801	8	Single Phase	14	4KW	512	17	Sensored Trapezoidal	LDO x 1 Gate driver x 1	QFN24	Now
MF851	8	3 Phase	14	4KW	512	17	Sensorless Trapezoidal	LDO x 1 Gate driver x 1	QFN24	Now
MF860	8	3 Phase	14	4KW	512	17	Sensorless Sinusoidal	LDO x 1 Gate driver x 1	QFN24	Now

BLDC Series

Part No.	FPPA	Description	IO (max)	ROM (word)	RAM (byte)	Supply Voltage(V)	Commutation	Special Function	Package	Available
MF323	1	3 Phase	18	3KW	256	5.5	Sensorless Trapezoidal	--	SOP16/H20/Y24 QFN20	Now
MF324	8	3 Phase	7	3KW	192	5.5	Sensorless Trapezoidal	GUI supported	SOP16/QFN16	Now
PFC886	8	Single Phase	14	4KW	512	6	Sensored Trapezoidal	--	SOP16/QFN16	Now
PFC887	8	3 Phase	26	5KW	512	6	Sensored / Sensorless Trapezoidal	--	Y24/T28	Now

RISC-V 32-bit Series

Part No.	FPPA	Description	IO (max)	ROM (word)	RAM (byte)	Supply Voltage(V)	Commutation	Special Function	Package	Available
PEC930	--	3 Phase	22	32KB	4KB	5.5V	Sensorless FOC	PGA x 2	Y24/QFN24	Now

RISC-V SIP Series

Part No.	FPPA	Description	IO (max)	ROM (word)	RAM (byte)	Supply Voltage(V)	Commutation	Special Function	Package	Available
YEC9305	--	3 Phase	15	32KB	4KB	36V	Sensorless FOC	PGA x 2	Y24	Now