

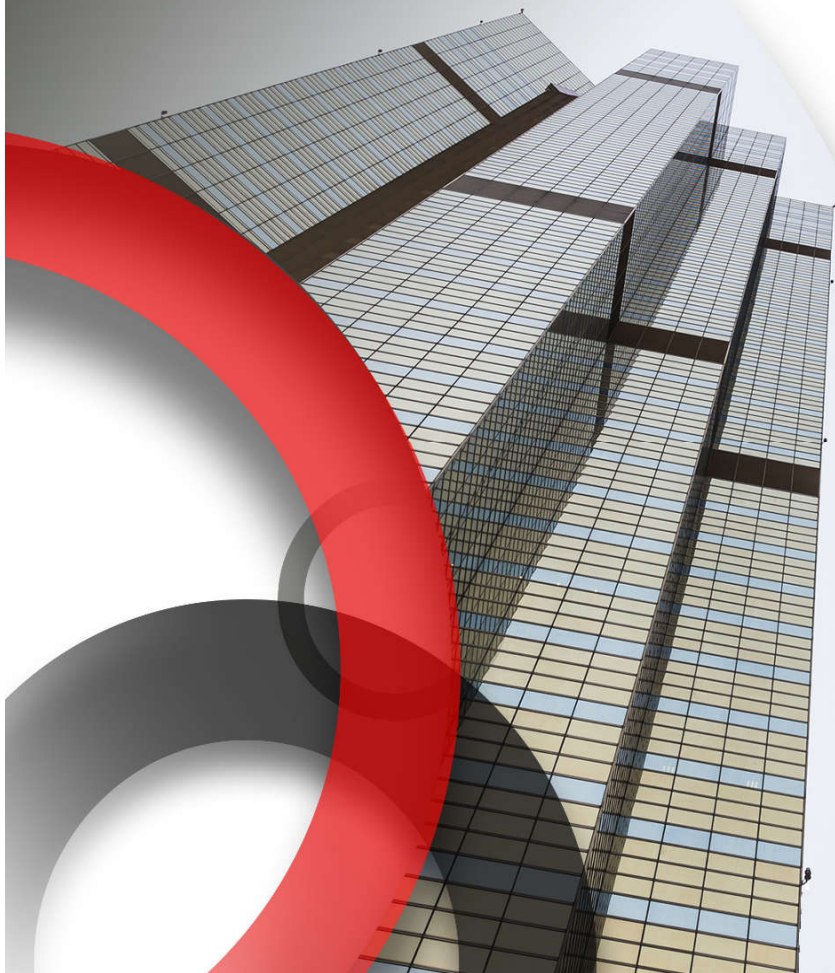


应广科技
PADAUK

Company

Catalogue

2024 H1



** New Product Launch **

G Series (MTP + EEP)

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	EEPROM (byte)	Package	Available
New PGS134	1	12bit x 14ch	22	4KW	256	4	8bit x 2 11bit x 3	512	SOP8/14/16, H20 SOP/Y24, QFN4x4-24L	Now
New PGS152	1	--	8	1.5KW	128	--	8bit x 1 11bit x 3	125	SOT23-6, SOP8 M10, EY10	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
New PMB180	1	--	7	1.25KW	64	--	8bit x 1 11bit x 3	Comparator x 1 CHG cur:500mA	ESOP8, EY10	Now
New PMB182	1	--	17	1.25KW	80	--	8bit x 1 11bit x 3	Comparator x 1 CHG cur:500mA	ESOP8, EY10	Now
New YMB1801	1	--	5	1.25KW	64	--	8bit x 1 11bit x 3	NMOS: 1A Comparator x 1	ESOP8	Now
New YMB1805	1	--	4	1.25KW	64	--	8bit x 1 11bit x 3	H-bridge driver Comparator x 1	ESOP8	Now

I/O Type - OTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
New PMS152E	1	--	6	1.5KW	96	--	8bit x 2 11bit x 3	Comparator x 1	SOT23-6, SOP8	Now

A/D Type - OTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
New PMS121	1	12bit x 11ch	14	1.5KW	96	--	8bit x 2	Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now

A/D Type - MTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
New PFS122B	1	12bit x 12ch	14	2KW	128	5	8bit x 2	Comparator x 1	SOT23-6, SOP8/14/16 EY10/M10/QFN3x3-16L	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	--	8bit x 1	Comparator x 1	SOT23-6, SOP8	Now
PMS150C	1	--	6	1.KW	64	--	8bit x 1	Comparator x 1	SOT23-6, SOP8	Now
PMS152E	1	--	6	1.5KW	96	--	8bit x 2 11bit x 3	Comparator x 1	SOT23-6, SOP8	Now
PMS152	1	--	14	1.25KW	80	--	8bit x 1 11bit x 3	Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now
PMS154C	1	--	14	2KW	128	4	8bit x 2 11bit x 3	Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now
PML100B	1	--	6	1KW	64	--	8bit x 2 11bit x 3	Comparator x 1	SOP8	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	8bit x 2 11bit x 3	Comparator x 1	SOT23-6, M10 SOP8/14/16	Now
PFC151	1	--	8	2KW	128	--	8bit x 2	Comparator x 1	SOP8/M10	Now
PFC154	1	--	14	2KW	128	--	8bit x 2 11bit x 3	Comparator x 1	SOT23-6, SOP8/14/16	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	8bit x 12ch	14	1.5KW	96	--	8bit x 2	Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now
PMS132B	1	12bit x 12ch	14	2KW	128	--	8bit x 2 11bit x 3	8x8 multiplier Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now
PMS134	1	12bit x 14ch	22	4KW	256	4	8bit x 2 11bit x 3	8x8 multiplier Comparator x 1	SOP8/14/16, H20 SOP/Y24	Now
PMS121	1	12bit x 11ch	14	1.5KW	96	--	8bit x 2	Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now

MTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	Available
PFS122B	1	12bit x 12ch	14	2KW	128	5	8bit x 2	Comparator x 1	SOT23-6, SOP8/14/16 EY10/M10/QFN3x3-16L	Now
PFS122	1	12bit x 12ch	14	2KW	128	--	8bit x 2	Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now
PFS123	1	12bit x 14ch	18	3KW	256	5	8bit x 2 11bit x 3	Comparator x 1	SOP8/14/16, M10 H20/QFN3x3-16L	Now
PFS132	1	12bit x 12ch	14	2KW	128	5	8bit x 2 11bit x 3	8x8 multiplier Comparator x 1	SOT23-6, SOP8/14/16 M10/QFN3x3-16L	Now
PFC232	2	12bit x 12ch	14	2KW	128	5	8bit x 2 11bit x 3	Comparator x 1 OPA x 1	SOP8/14/16, M10	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
PMS160	1	--	6	1.5KW	96	--	8bit x 2 11bit 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	--	8bit x 2	Comparator x 1	12	SOP16	Now
PMS163	1	12bit x 12ch	14	2.5KW	160	--	8bit x 2 11bit x 3	8x8 multiplier Comparator x 1	13	SOT23-6, M10 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	--	8bit x 2	Comparator x 1	7	SOP8/M10	Now
PFC460	4	12bit x 28ch	26	4KW	512	--	8bit x 2 11bit x 3	Comparator x 1	24	SOP16/20/24/28 TSSOP28	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	1	--	7	1.25KW	64	--	8bit x 1 11bit x 3	Comparator x 1 CHG cur:500mA	ESOP8, EY10	Now
PMB182	1	--	17	1.25KW	80	--	8bit x 1 11bit x 3	Comparator x 1 CHG cur:500mA	ESOP8, EY10	Now

SIP Series

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

**** 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

**** High EFT Capability MCU ****

OTP Series

Part No.	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (1/2VDD)	PWM	Special Functions	Package	EFT Capability
PMC150	1	--	6	1KW	60	--	--	--	SOP8, DIP8	Good
PMC156	1	--	16	1KW	64	4	--	--	SOP14/16/18/20 DIP14/16/18/20	Good
PMC251	2	--	12	1KW	60	--	--	--	SOP8/14 DIP8/14	Strong
PMC271	2	8bit x 8ch	16	1KW	64	4	--	--	SOP8/14/16/20 DIP8/14/16/20	Strong
PMC131	1	12bit x 12ch	14	1.5KW	88	--	8bit x 2	8x8 multiplier	SOP8/14/16/M10 DIP8/14/16	Good