

Padauk Flash MCU Breakout Boards

CPLDCPU – June 27th, 2020

Summary of Flash Variants and Datasheets

PFS (RapiDragon)

Product Name	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (VDD/2)	PWM	Special Functions	Remarks
PFS154	1	--	14	2KW	128	4	8bit x 2 / 11bit x 3	CMP x 1	--

Product Name	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (VDD/2)	PWM	Special Functions	Remarks
PFS172	1	8bit x 12ch	14	2KW	128	--	8bit x 2	CMP x 1	--
PFS173	1	8bit x 13ch	18	3KW	256	5	8bit x 2 / 11bit x 3	CMP x 1	--

PFC (LeapDragon)

Product Name	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (VDD/2)	PWM	Special Functions	Remarks
PFC151	1	--	8	2KW	128	--	8bit x 2	CMP x 1	--
PFC154	1	--	14	2KW	128	4	8bit x 2 / 11bit x 3	CMP x 1	--

Product Name	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (VDD/2)	PWM	Special Functions	Remarks
PFC232	2	12bit x 12ch	14	2KW	128	5	8bit x 2 / 11bit x 3	--	--

Product Name	FPPA	ADC (max)	IO (max)	ROM (word)	RAM (byte)	LCD (VDD/2)	PWM	Special Functions	Remarks
PFC161	1	--	8	2KW	128	--	8bit x 2	CMP x 1	Touch CH: 7



PFS154 datasheet_v105_EN_20200609.pdf



PFS172 datasheet_v001_EN_20200506.pdf



PFS173 datasheet_v105_EN_20200619.pdf



PFC151 datasheet_EN_V000_20190823.pdf



PFC154 datasheet_EN_V001_20191008.pdf



PFC232 datasheet_V000_EN_20190823.pdf

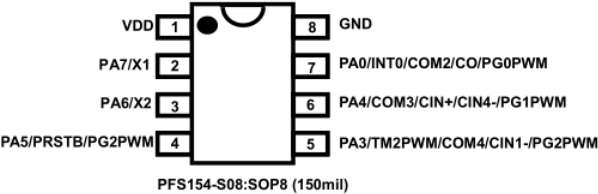


PFC161 datasheet_EN_V000_20190823.pdf

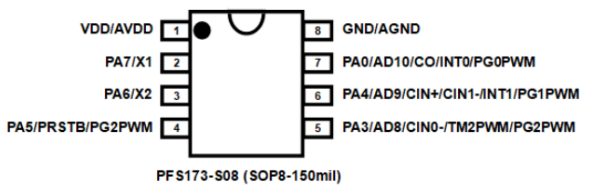
Pinouts SO8 Flash variants

Type I

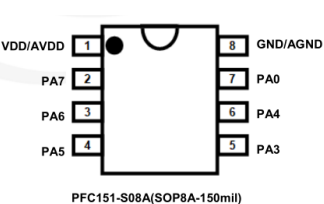
PFS154



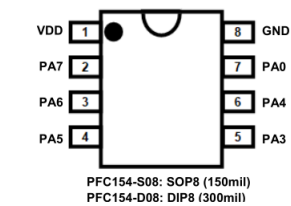
PFS173



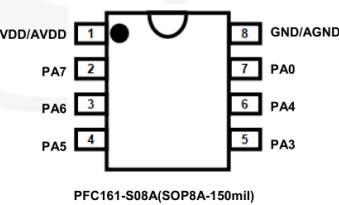
PFC151



PFC154

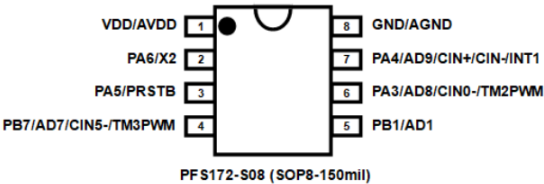


PFC161

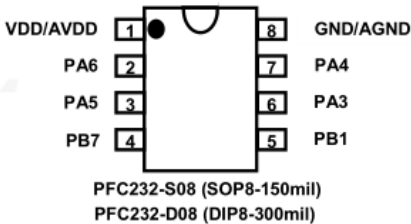


Type II

PFS172



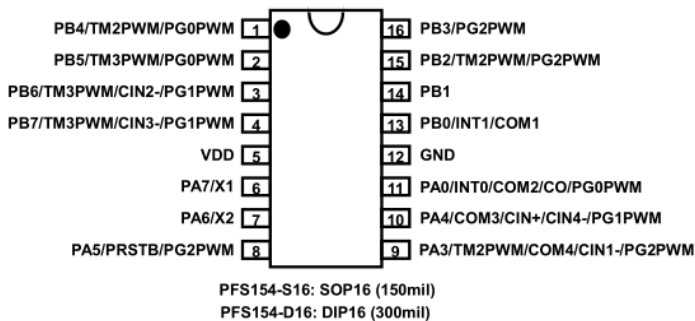
PFC232



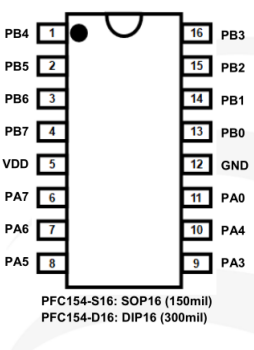
Pinouts SO16 Flash variants

Type I

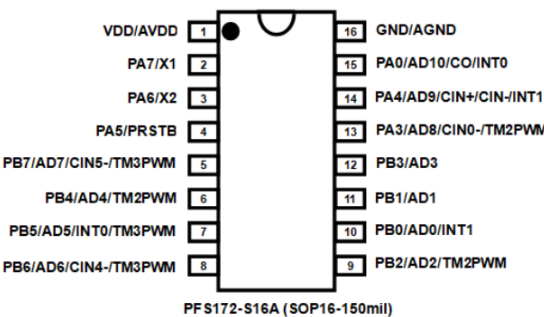
PFS154



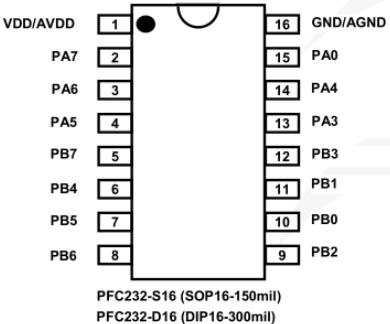
PFC154



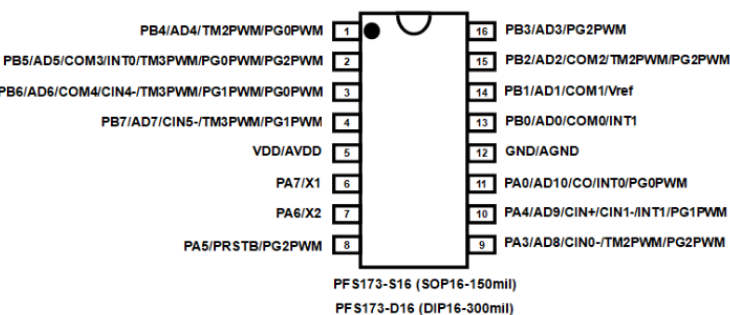
PFS172



PFC232



PFS173



No SO16 package:
PFC151 PFC161

Plug-in Breakout boards

Top

Oblique

Bottom

