

Look up equivalent 153 BGA Swiss bit took 4 days to send Data sheet

Found Micron automotive data sheet for 153 BGA eMMC

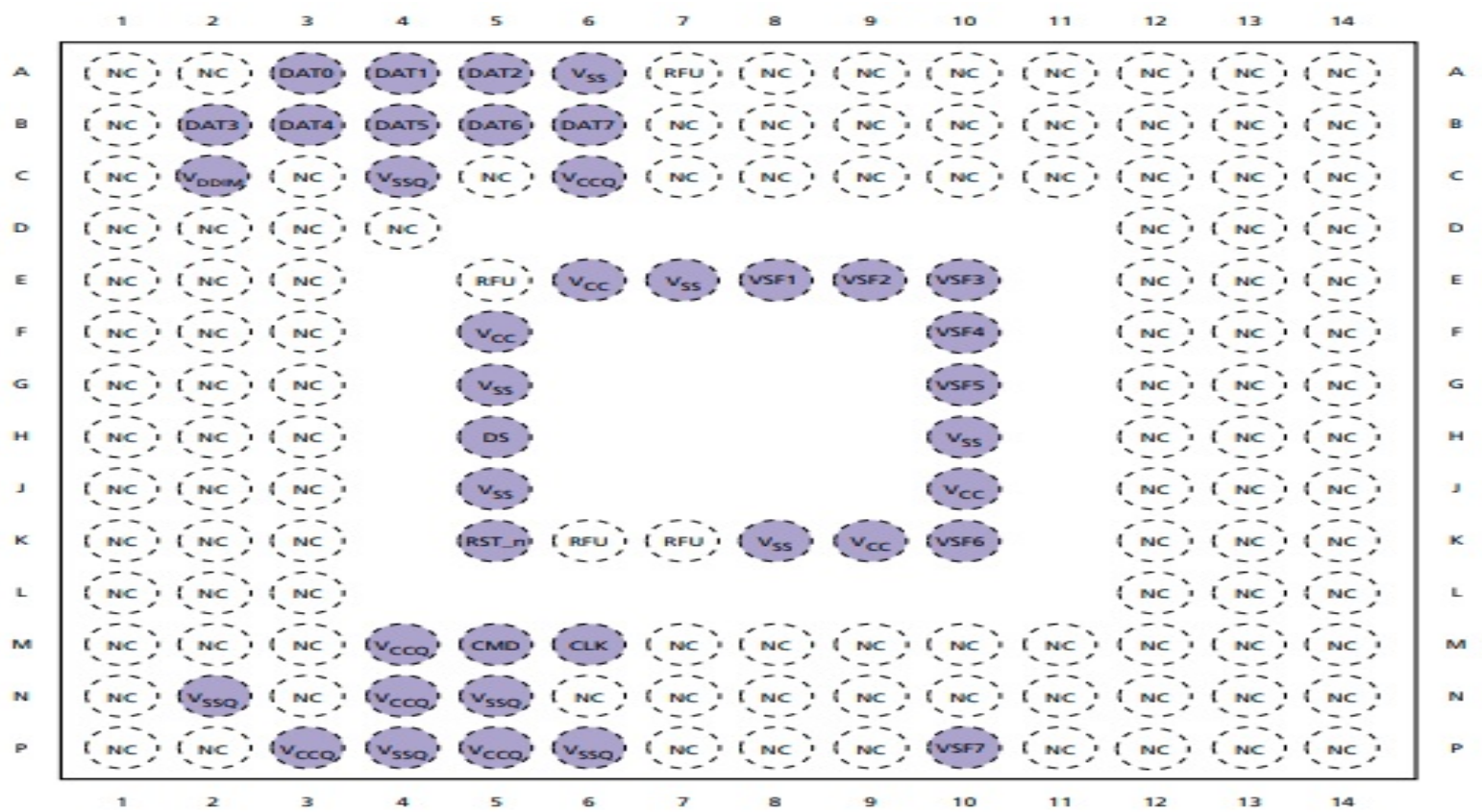
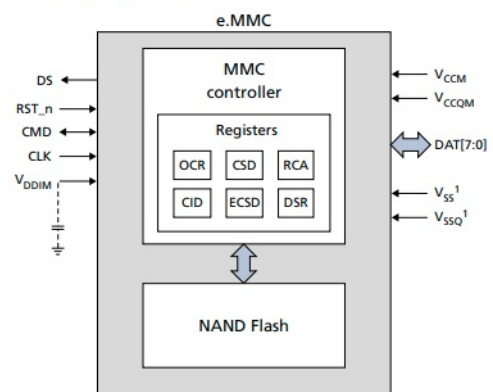


Image of 153 BGA (Top View Ball Down)

NC Not Connected
RFU reserved for future use

Vcc, Vccq, Vss, and Vssq balls must connect to the system Board.

Figure 7: eMMC Functional Block Diagram



Note: 1. VSS and VSSQ are internally connected.

1/17/2020

Notes

eMMC change questions

Power rail

Parts added

eMMC
L50

Pins :

UHF Transceiver L Band only
 Recieve on L Band primary
 UHF lister Backup

UN Requires
 Ability to shut
 down always

External RF Project
 Front end

Notes Swissbit eMMC adding to schematic

Removed { SD Card
 Transistor — MMC PWR
 Resistor

Pins			
STM32F446XCE			
LQFP64			
Pin #		Function	Pin Name
26 27	39	SDIO D0	PC8
	40	SDIO D1	(26) PB0 (40) PC9
	51	SDIO D2	(27) PB1 (51) PC10
	52	SDIO D3	PC11
	61	SDIO D4	PB8
	62	SDIO D5	PB9
	37	SDIO D6	PC6
	38	SDIO D7	PC7
28	53	SDIO CK	(28) PB2 (53) PC12
	54	SDIO CMD	PD2
		Check Existing Layout if Free	
		PC8	✓
		PC9	✓
		PC10	✓
		PC11	✓
		NOT Free	
		Not Free	
		NOT Free	
		Not Free	
		PC12	✓
		Not Free	

Problems — Already in use

PB8	OPD_SCI
PB9	OPD_SDA
PC6	RADIO1_CS
PC7	RADIO2_CS
PD2	TP7