

MMC+ Card

| PAGE | DESCRIPTION |
|------|-------------------|
| 1 | Title |
| 2 | eMMC to Card Edge |
| | |
| | |
| | |
| | |
| | |
| | |

Ordering code: MFSUSANOEMMC

Multi function pins

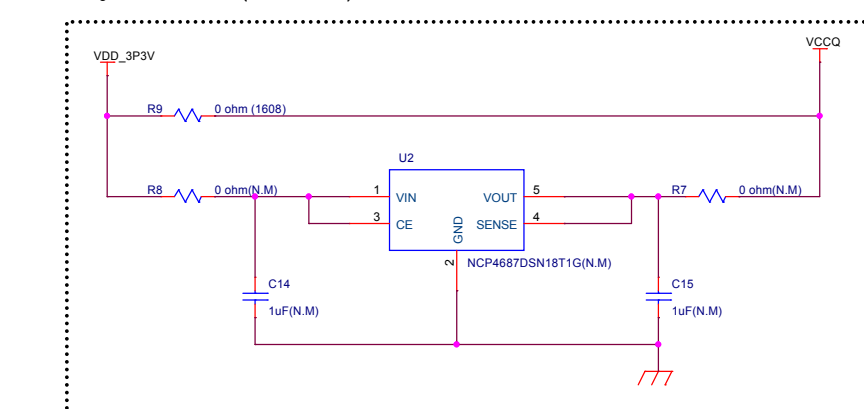
| Pin# | e-MMC4.51 (default) | e-MMC5.0 |
|--------|------------------------|----------|
| C5 | RFU | NC |
| A6, J5 | RFU | VSS |
| H5 | RFU | DS |

Multi function pins

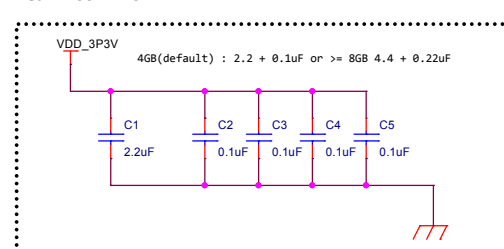
| | |
|-----|---------|
| C5 | RFU/NC |
| J5 | RFU/VSS |
| A6 | RFU/VSS |
| H5 | RFU/DS |
| A7 | RFU |
| E5 | RFU |
| E8 | RFU |
| E9 | RFU |
| F10 | RFU |
| G10 | RFU |
| K6 | RFU |
| K7 | RFU |
| K10 | RFU |
| P10 | RFU |

| | |
|-----|---------|
| C5 | RFU/NC |
| J5 | RFU/VSS |
| A6 | RFU/VSS |
| H5 | RFU/DS |
| A7 | RFU |
| E5 | RFU |
| E8 | RFU |
| E9 | RFU |
| F10 | RFU |
| G10 | RFU |
| K6 | RFU |
| K7 | RFU |
| K10 | RFU |
| P10 | RFU |

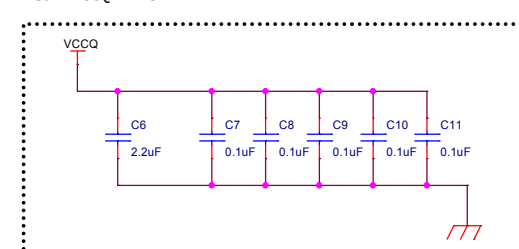
VCCQ POWER CIRCUIT(No mounted)



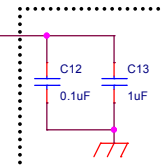
Near VCC PINs



Near VCCQ PINs



Near VDDIM PINs



Trace length difference kept within 1mm
Impedance 50 ohm +/- 5%

| U1B | | | |
|-----|----|----|-----|
| A1 | NC | NC | H1 |
| A2 | NC | NC | H2 |
| A3 | NC | NC | H3 |
| A4 | NC | NC | H4 |
| A5 | NC | NC | H5 |
| A6 | NC | NC | H6 |
| A7 | NC | NC | H7 |
| A8 | NC | NC | H8 |
| A9 | NC | NC | H9 |
| A10 | NC | NC | H10 |
| A11 | NC | NC | H11 |
| A12 | NC | NC | H12 |
| A13 | NC | NC | H13 |
| A14 | NC | NC | H14 |
| B1 | NC | NC | J1 |
| B2 | NC | NC | J2 |
| B3 | NC | NC | J3 |
| B4 | NC | NC | J4 |
| B5 | NC | NC | J5 |
| B6 | NC | NC | J6 |
| B7 | NC | NC | J7 |
| B8 | NC | NC | J8 |
| B9 | NC | NC | J9 |
| B10 | NC | NC | J10 |
| B11 | NC | NC | J11 |
| B12 | NC | NC | J12 |
| B13 | NC | NC | J13 |
| B14 | NC | NC | J14 |
| C1 | NC | NC | K1 |
| C2 | NC | NC | K2 |
| C3 | NC | NC | K3 |
| C4 | NC | NC | K4 |
| C5 | NC | NC | K5 |
| C6 | NC | NC | K6 |
| C7 | NC | NC | K7 |
| C8 | NC | NC | K8 |
| C9 | NC | NC | K9 |
| C10 | NC | NC | K10 |
| C11 | NC | NC | K11 |
| C12 | NC | NC | K12 |
| C13 | NC | NC | K13 |
| C14 | NC | NC | K14 |
| D1 | NC | NC | L1 |
| D2 | NC | NC | L2 |
| D3 | NC | NC | L3 |
| D4 | NC | NC | L4 |
| D5 | NC | NC | L5 |
| D6 | NC | NC | L6 |
| D7 | NC | NC | L7 |
| D8 | NC | NC | L8 |
| D9 | NC | NC | L9 |
| D10 | NC | NC | L10 |
| D11 | NC | NC | L11 |
| D12 | NC | NC | L12 |
| D13 | NC | NC | L13 |
| D14 | NC | NC | L14 |
| E1 | NC | NC | M1 |
| E2 | NC | NC | M2 |
| E3 | NC | NC | M3 |
| E4 | NC | NC | M4 |
| E5 | NC | NC | M5 |
| E6 | NC | NC | M6 |
| E7 | NC | NC | M7 |
| E8 | NC | NC | M8 |
| E9 | NC | NC | M9 |
| E10 | NC | NC | M10 |
| E11 | NC | NC | M11 |
| E12 | NC | NC | M12 |
| E13 | NC | NC | M13 |
| E14 | NC | NC | M14 |
| F1 | NC | NC | N1 |
| F2 | NC | NC | N2 |
| F3 | NC | NC | N3 |
| F4 | NC | NC | N4 |
| F5 | NC | NC | N5 |
| F6 | NC | NC | N6 |
| F7 | NC | NC | N7 |
| F8 | NC | NC | N8 |
| F9 | NC | NC | N9 |
| F10 | NC | NC | N10 |
| F11 | NC | NC | N11 |
| F12 | NC | NC | N12 |
| F13 | NC | NC | N13 |
| F14 | NC | NC | N14 |
| G1 | NC | NC | P1 |
| G2 | NC | NC | P2 |
| G3 | NC | NC | P3 |
| G4 | NC | NC | P4 |
| G5 | NC | NC | P5 |
| G6 | NC | NC | P6 |
| G7 | NC | NC | P7 |
| G8 | NC | NC | P8 |
| G9 | NC | NC | P9 |
| G10 | NC | NC | P10 |
| G11 | NC | NC | P11 |
| G12 | NC | NC | P12 |
| G13 | NC | NC | P13 |
| G14 | NC | NC | P14 |

MTFC4GACAJCN-1M WT

