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ST25R3916-DISCO unknown crystal oscillator part number



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Associate III

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Hi,

By checking the ST25R3916-DISCO BOM I've found the reference Y200 (27.12MHz Crysta Osc.I)

1100, 1102	2 Male Single Row Horizontal	Samtec	TSW-114-08-G-S-NA	doublesourcing allowed
1101	1 Male Single Row Horizontal	Samtec	TSW-114-08-G-S-NA	doublesourcing allowed
P100, P101, P102, P103	4 Spacer	3M	SJ5303TRANS	doublesourcing allowed - same than MB1396
Y200	1 NDK 27.12MHz Crystal	MURATA	NX2016SA STD-CZS-5 27.12MHz	Murata XRCGB27M120F3M00R0
P200, P201, P202, P203	4 U.FL-R-SMT-1	HIROSE(HRS)	U.FL-R-SMT-1(10)	yes

The problem is I'm not able to find the part number NX2016SA STD-CZS-5 27.12MHz from NDK anywhere. What part is populated in the board? NDK does not give me any information without sharing project details.

On the other hand, the alternative part number XRCGB27M120F3M00R0 from Murata (Lad cap: 6pF) does not match with the load capacitance of the DISCO board (10pF)

Could someone clarify this matter?

regards,

gaston

Labels: **ST25 NFC RFID Readers – ST25R391x Series**

1 Kudo

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